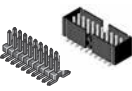




# SHORTFORM CONNECTOR

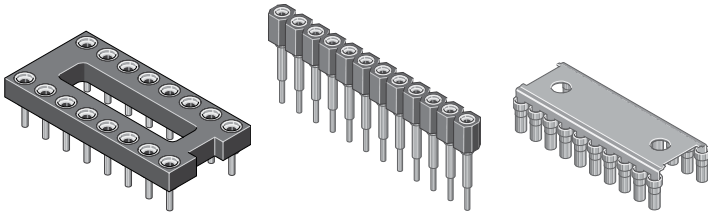




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- Featuring a wide variety of contacts and layouts



**Part**

Precision IC-Sockets 2,54 mm

**Description**

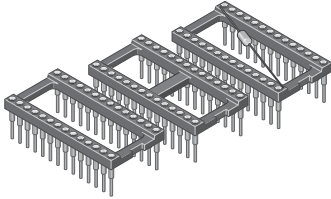
**001 Series**

IC-sockets with machined contacts in all common pin counts and row spacings.

- Available with decoupling capacitor.

**Pitch**

■ **2,54**

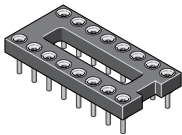


Ultra Low Profile IC-Sockets 2,54 mm

**004 Series**

Ultra low profile sockets with machined contacts. A special contact design allows a height of 2,50 mm above PCB only.

■ **2,54**



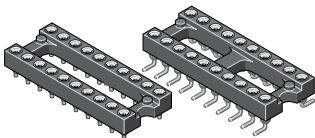
Precision IC-Sockets as SMD 2,54 mm

**015 Series**

Surface mount sockets with machined contacts designed for use with any reflow soldering process.

- Available with gull wing or floating contact termination.

■ **2,54**



Precision IC-Sockets 2,54 mm

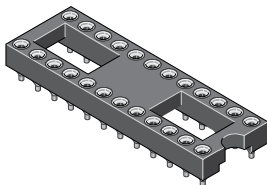


**017 Series**

Surface mount sockets with machined, floating contacts and integrated pick and place feature.

- Available in tube or tape and reel packaging.

■ **2,54**

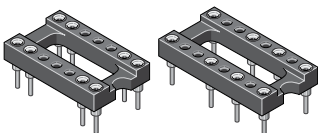


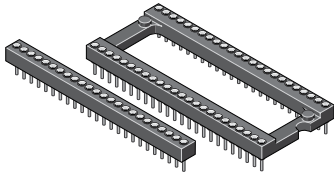
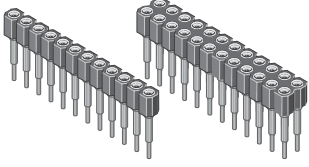
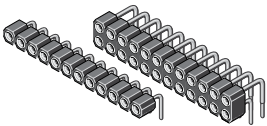
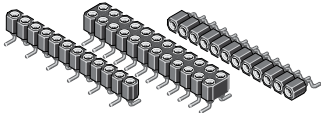

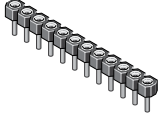
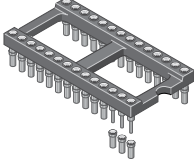
Precision sockets for Relays 2,54 mm

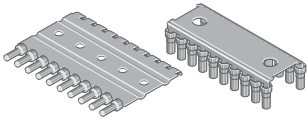
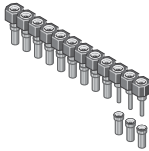
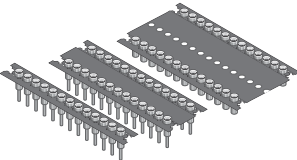
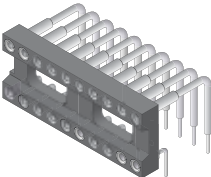
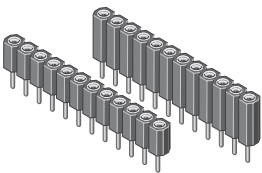
**023 Series**

Sockets with machined contacts for industrial standard PCB power relays. Various pin layouts are available upon request.

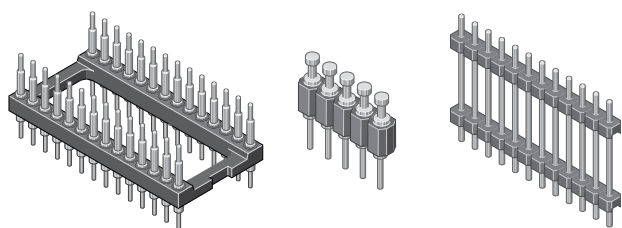
■ **2,54**



Part	Description	Pitch
<p>Shrink DIP Sockets and Socket Strips 1,778 mm</p> 	<p><b>012 Series</b> Sockets and socket strips with machined contacts and 1,778 mm spacing (shrink dip).</p>	<p>■ <b>1,778</b></p>
<p>Precision Socket Strips 2,54 mm</p> 	<p><b>006 Series</b> Socket strips with machined contacts.</p> <ul style="list-style-type: none"> <li>• Available in many contact options including various spacer and wire wrap versions.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Precision Socket Strips Right Angled 2,54 mm</p> 	<p><b>009 Series</b> Right angled socket strips with a height of 2,54 / 5,08 mm above board.</p>	<p>■ <b>2,54</b></p>
<p>Precision Socket Strips SMD 2,54 mm</p>  	<p><b>019 Series</b> Socket strips, SMD mount with gull-wing termination for maximum mechanical strength and easy testing.</p> <ul style="list-style-type: none"> <li>• Available in tape and reel packaging on request.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Precision Socket Strips Ultra Low Profile 2,54 mm</p> 	<p><b>008 Series</b> Ultra low profile socket strips with a height of 2,50 mm above board only.</p>	<p>■ <b>2,54</b></p>
<p>Precision Contacts on Plastic Carrier 2,54 mm</p> 	<p><b>076 Series</b> DIL-Carrier sockets with removable plastic carriers for ultra low profile socket solutions.</p>	<p>■ <b>2,54</b></p>

Part	Description	Pitch
Precision Contacts on Brass Carrier 2,54 mm  	<b>074 Series</b> Carrier sockets with removable brass carriers for ultra low profile socket solutions.	■ 2,54
Precision Contacts on Plastic Carrier 2,54 mm  	<b>077 Series</b> SIL-Carrier sockets with removable plastic carriers for ultra low profile socket solutions.	■ 2,54
Precision Contacts on Carrier Tape 2,54 mm  	<b>080 Series</b> Peel-away-carrier sockets on flexible plastic foil. This product allows an easy realisation of any customer-specific layout.	■ 2,54
Precision Display Sockets 2,54 mm  	<b>218 Series</b> Dual row horizontal sockets, ideal for display modules.	■ 2,54
Precision Display Socket Strips 2,54 mm  	<b>220 Series</b> Single row socket strips with a height of 4,20 or 7,00 mm above board. Ideal for use with display modules.	■ 2,54

- Many different pin lengths in single and double row layouts



Part	Description	Pitch
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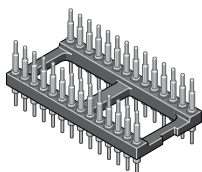
Pin Adapters DIL, Turned Contacts 2,54 mm

**033 Series**

Pin adapters, mating with standard IC-sockets.

■ 2,54

- Available with many different contact options.

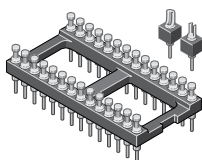


Pin Adapters DIL, Turned Contacts with Soldering Terminals 2,54 mm

**044 Series**

Pin adapters with soldering terminals for wiring applications.

■ 2,54

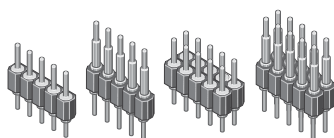


Pin Headers Turned Contacts 2,54 mm

**034 Series**

Pin headers available with many different contact options.

■ 2,54

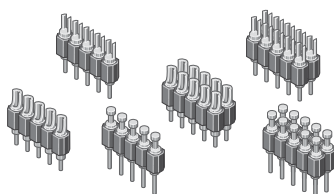


Pin Headers Turned Contacts with Soldering Terminals 2,54 mm

**045 Series**

Pin headers with soldering terminals for wiring applications.

■ 2,54



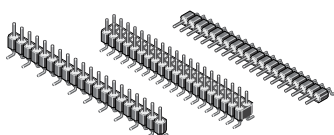
Pin Headers SMD with Turned Contacts 2,54 mm

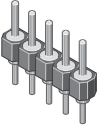
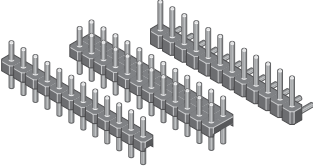
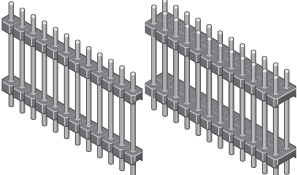


**038 Series**

SMD pin headers with gull-wing termination.

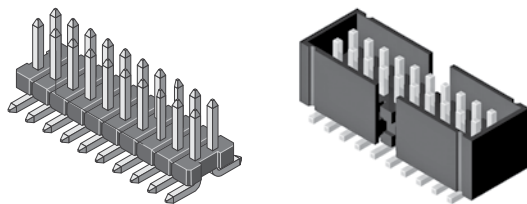
■ 2,54



Part	Description	Pitch
Ultra Low Profile Pin Headers 2,54 mm 	<b>035 Series</b> Pin headers with precision turned contacts and a height of 2,1 mm above board only.	■ <b>2,54</b>
Pin Headers 2,54 mm 	<b>037 Series</b> Pin headers with 0,50 mm round pins.	■ <b>2,54</b>
Pin Headers Sandwich 2,54 mm 	<b>367 Series</b> Sandwich pin headers with 0,50 mm round pins.	■ <b>2,54</b>



- Pin headers for board to board and wire to board connections from 0,50 mm up to 7,50 mm pitch



Part	Description	Pitch
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High Density Connectors 0,50 mm

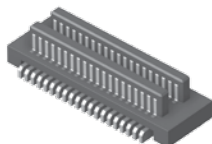


**216 Series**

High density board to board connectors 0,50 mm pitch.

■ 0,50

- Different mating heights available.
- Mates with series 217.



High Density Connectors 0,80 mm

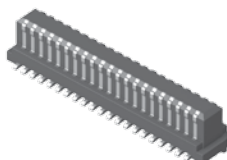


**581 Series**

High density board to board connectors 0,80 mm pitch.

■ 0,80

- Different mating heights available.
- Mates with series 582.

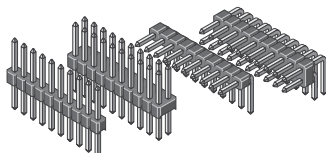


Pin Headers 1,00 mm

**351 Series**

Straight and right angled pin headers 1,00 mm pitch and 0,30 mm square pins.

■ 1,00



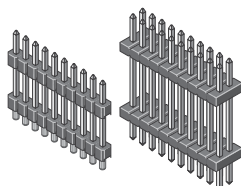
Pin Headers Sandwich 1,00 mm

**359 Series**

Sandwich pin headers 1,00 mm pitch and 0,30 mm square pins.

■ 1,00

- Different pin lengths and plating options available.



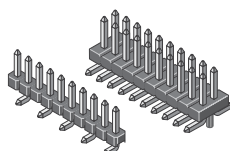
Pin Headers SMD 1,00 mm

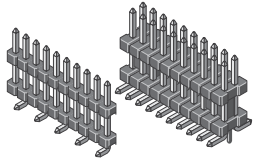

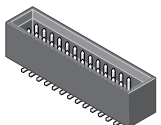
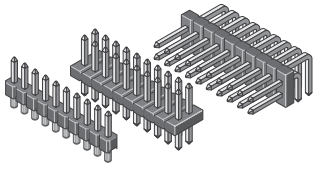
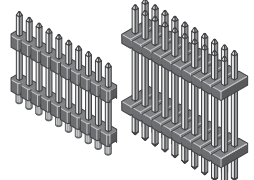
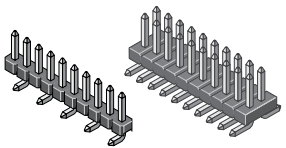

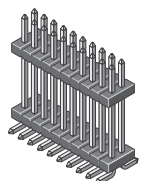


**353 Series**

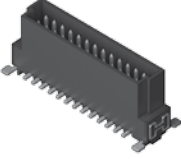
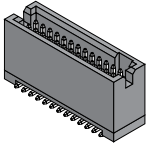
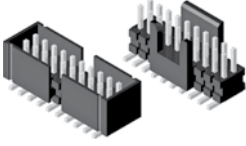

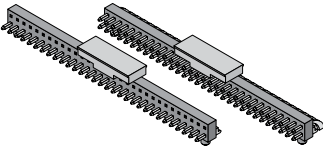

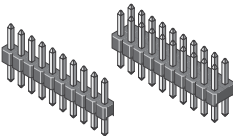
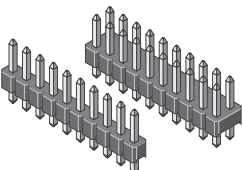
Straight pin headers 1,00 mm pitch for SMD mount. Gull wing contacts provide maximum mechanical strength and easy testing. Pick and place cap available on request.

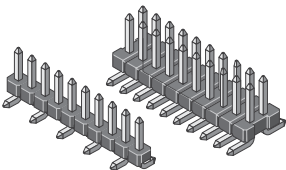

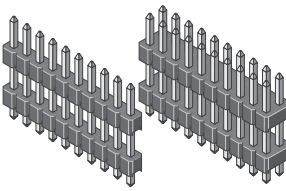
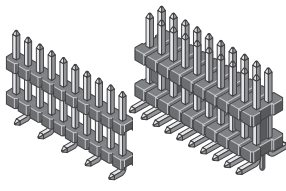
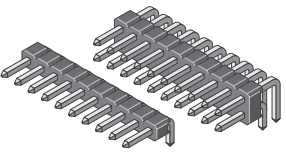
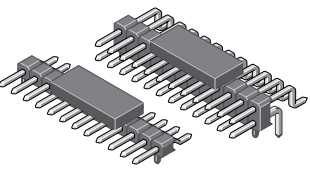

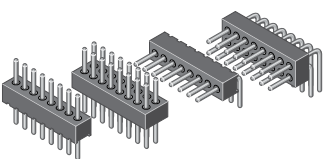
■ 1,00


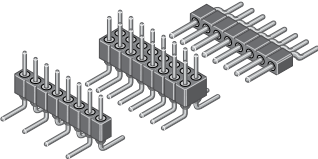

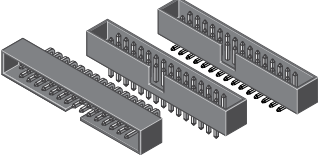
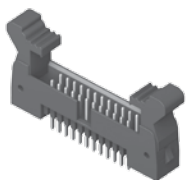
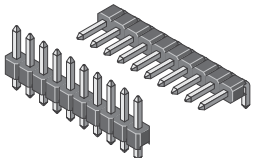
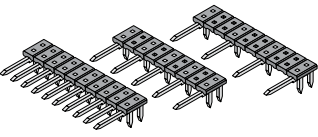
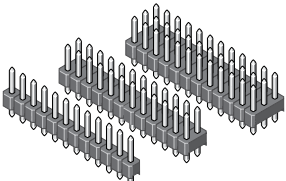


Part	Description	Pitch
<p>Pin Headers SMD, Sandwich 1,00 mm</p>  	<p><b>355 Series</b></p> <p>Sandwich pin headers 1,00 mm pitch for SMD mount.</p> <ul style="list-style-type: none"> <li>• Different pin lengths and insulator options as well as location pegs available.</li> </ul>	<p>■ <b>1,00</b></p>
<p>Pin Headers Shrouded 1,00 mm</p> 	<p><b>354 Series</b></p> <p>Shrouded pin headers 1,00 mm pitch for SMD mount. Location pegs as well as pick and place cap available as an option.</p>	<p>■ <b>1,00</b></p>
<p>Pin Headers 1,27 mm</p> 	<p><b>176 Series</b></p> <p>Straight and right angled pin headers 1,27 mm pitch and 0,40 mm square pins. Low profile insulator with a height of 1,00 mm only.</p> <ul style="list-style-type: none"> <li>• Different pin lengths and plating options available.</li> </ul>	<p>■ <b>1,27</b></p>
<p>Pin Headers Sandwich 1,27 mm</p> 	<p><b>177 Series</b></p> <p>Sandwich pin headers 1,27 mm pitch and 0,40 mm square pins.</p> <ul style="list-style-type: none"> <li>• Different pin lengths, insulator positions and plating options available. Customized connectors possible.</li> </ul>	<p>■ <b>1,27</b></p>
<p>Pin Headers SMD 1,27 mm</p>  	<p><b>178 Series</b></p> <p>Straight pin headers 1,27 mm pitch and 0,40 mm square pins for SMD mount.</p> <ul style="list-style-type: none"> <li>• Pick and place cap available upon request. Customized connectors possible.</li> </ul>	<p>■ <b>1,27</b></p>
<p>Pin Headers SMD, Sandwich 1,27 mm</p> 	<p><b>179 Series</b></p> <p>Sandwich pin headers 1,27 mm pitch and 0,40 mm square pins for SMD mount.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths as well as location pegs available. Customized connectors possible.</li> </ul>	<p>■ <b>1,27</b></p>

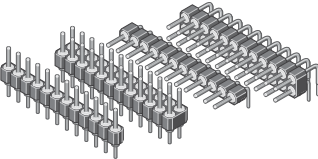
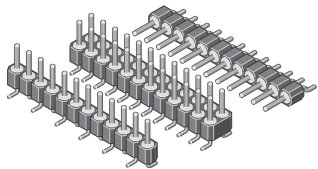
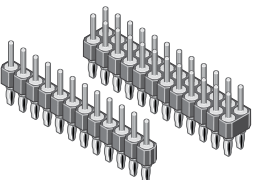
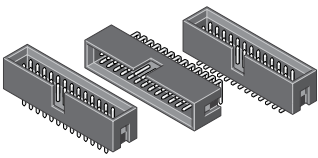
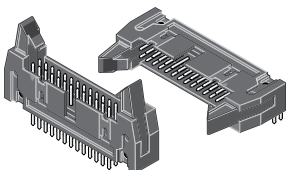
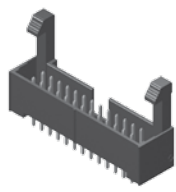
Part	Description	Pitch
<p>Pin Headers with Turned Contacts 1,27 mm</p> 	<p><b>188</b> Series Straight pin headers 1,27 mm pitch and 0,41 mm round pins.</p>	<p>■ 1,27</p>
<p>Pin Headers with Turned Contacts 1,27 mm</p> 	<p><b>192</b> Series Right angled pin headers 1,27 mm pitch and 0,41 mm round pins.</p>	<p>■ 1,27</p>
<p>Pin Headers SMD with Turned Contacts 1,27 mm</p>  	<p><b>196</b> Series Straight and right angled pin headers 1,27 mm pitch and 0,41 mm round pins for SMD mount.</p> <ul style="list-style-type: none"> <li>• These parts are available on tape and reel as an option.</li> </ul>	<p>■ 1,27</p>
<p>Micro Match 1,27 mm Wire to Board Pin Headers</p> 	<p><b>373</b> Series Pin headers for wire to board applications to be used with 1,27 mm flat ribbon cable. Compatible with industries standard.</p>	<p>■ 1,27</p>
<p>Pin Headers Shrouded 1,27 mm</p> 	<p><b>180</b> Series Shrouded pin headers 1,27 mm pitch and polarizing feature for through hole or SMD mounting.</p>	<p>■ 1,27</p>
<p>Pin Headers SMD, Shrouded with Eject Levers 1,27 mm</p> 	<p><b>363</b> Series Straight and right angled shrouded pin headers 1,27 mm pitch and active locking feature, SMD or through hole mount.</p>	<p>■ 1,27</p>

Part	Description	Pitch
<p>Pin Headers Shrouded 1,27 mm</p> 	<p><b>714 Series</b> Straight shrouded pin headers, SMD mount in vertical or horizontal position.</p> <ul style="list-style-type: none"> <li>• Compatible with industries standard.</li> </ul>	<p>■ 1,27</p>
<p>Pin Headers Extended 1,27 mm</p> 	<p><b>183 Series</b> Straight pin headers 1,27 mm pitch and polarizing feature for SMD mount. Available in many different heights.</p>	<p>■ 1,27</p>
<p>Pin Headers SMD, Shrouded 1,27 mm</p>  	<p><b>361 Series</b> Straight shrouded pin headers 1,27 mm pitch for SMD mount.</p>	<p>■ 1,27</p>
<p>Pin Headers SMD 1,27 mm</p>  	<p><b>307 Series</b> Right angled SMD pin headers 1,27 mm pitch.</p> <ul style="list-style-type: none"> <li>• These parts are featuring an optimized contact shape for all reflow soldering processes.</li> <li>• For versions with location pegs, please contact our sales desk for availability.</li> </ul>	<p>■ 1,27</p>
<p>Pin Headers 1,27 mm</p> 	<p><b>659 Series</b> Straight pin headers 1,27 mm pitch and 0,46 mm square pins. Different pin lengths and plating options available.</p>	<p>■ 1,27</p>
<p>Pin Headers 2,00 mm</p> 	<p><b>150 Series</b> Straight pin headers 2,00 mm pitch and 0,50 mm square pins. Many different pin lengths and plating options available. Standard and low profile insulators available.</p>	<p>■ 2,00</p>

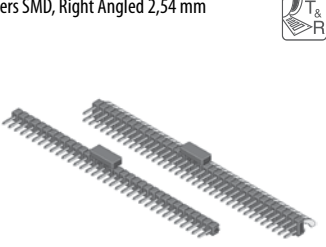
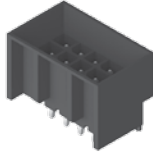
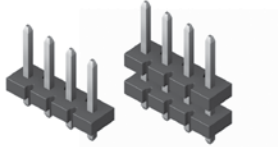
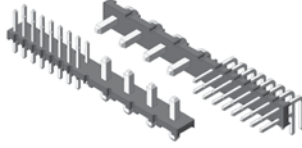
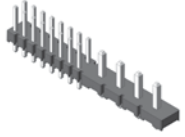
Part	Description	Pitch
<p>Pin Headers SMD 2,00 mm</p>  	<p><b>152 Series</b></p> <p>Straight pin headers 2,00 mm pitch and 0,50 mm square pins for SMD mount. Gull wing contacts provide maximum mechanical strength and easy testing.</p> <ul style="list-style-type: none"> <li>• Customized connectors possible.</li> </ul>	<p>■ 2,00</p>
<p>Pin Headers Sandwich 2,00 mm</p> 	<p><b>151 Series</b></p> <p>Sandwich pin headers 2,00 mm pitch and 0,50 mm square pins.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths and plating options available. Customized connectors possible.</li> </ul>	<p>■ 2,00</p>
<p>Pin Headers SMD, Sandwich 2,00 mm</p> 	<p><b>337 Series</b></p> <p>Sandwich pin headers 2,00 mm pitch and 0,50 mm square pins for SMD mount. Gull wing contacts provide maximum mechanical strength and easy testing.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths options available. Customized connectors possible.</li> </ul>	<p>■ 2,00</p>
<p>Pin Headers Right Angled 2,00 mm</p> 	<p><b>332 Series</b></p> <p>Right angled pin headers 2,00 mm pitch and 0,50 mm square pins.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths and plating options available. Customized connectors possible.</li> </ul>	<p>■ 2,00</p>
<p>Pin Headers SMD, Right Angled 2,00 mm</p>  	<p><b>333 Series</b></p> <p>Right angled pin headers 2,00 mm pitch and 0,50 mm square pins for SMD or mixed termination.</p>	<p>■ 2,00</p>
<p>Pin Headers with Turned Contacts 2,00 mm</p> 	<p><b>161 Series</b></p> <p>Straight and right angled pin headers 2,00 mm pitch and 0,47 mm round pins.</p>	<p>■ 2,00</p>

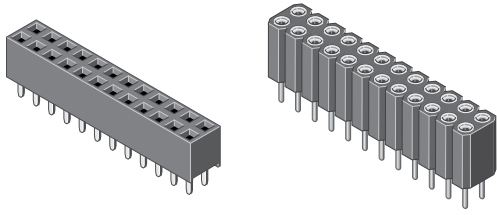
Part	Description	Pitch
<p>Pin Headers SMD with Turned Contacts 2,00 mm </p> 	<p><b>169 Series</b></p> <p>Straight and right angled pin headers 2,00 mm pitch and 0,47 mm round pins for SMD mount.</p> <p>Gull wing contacts provide maximum mechanical strength and easy testing.</p> <ul style="list-style-type: none"> <li>• These parts are available on tape and reel as an option.</li> </ul>	<p>■ <b>2,00</b></p>
<p>Pin Headers SMD, Shrouded 2,00 mm </p> 	<p><b>155 Series</b></p> <p>Straight and right angled shrouded pin headers 2,00 mm pitch.</p> <p>Low profile with a height of 5,60 mm only.</p>	<p>■ <b>2,00</b></p>
<p>Pin Headers Shrouded with Eject Levers 2,00 mm</p> 	<p><b>588 Series</b></p> <p>Ejector headers 2,00 mm pitch for through hole and SMD termination.</p>	<p>■ <b>2,00</b></p>
<p>Pin Headers 2,50 mm</p> 	<p><b>347 Series</b></p> <p>Straight and right angled pin headers 2,50 mm pitch and 0,64 mm square pins.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths and plating options available.</li> </ul>	<p>■ <b>2,50</b></p>
<p>Pin Headers Right Angled 2,50 / 5,00 or 7,50 mm</p> 	<p><b>390 Series</b></p> <p>Extremely low profile right angled pin headers with F-Type contact, featuring 2,50, 5,00 and 7,50 mm pitch and total height of 1,80 mm only.</p>	<p>■ <b>2,50</b> <b>5,00</b> <b>7,50</b></p>
<p>Pin Headers 2,54 mm</p> 	<p><b>087 Series</b></p> <p>Standard pin headers 2,54 mm pitch and 0,64 mm square pins.</p> <ul style="list-style-type: none"> <li>• Different plating options and different insulators as standard.</li> <li>• Any pin length available on request.</li> <li>• Customized connectors are possible for smaller quantities as well.</li> </ul>	<p>■ <b>2,54</b></p>

Part	Description	Pitch
<p>Pin Headers Sandwich 2,54 mm</p> 	<p><b>089 Series</b> Sandwich pin headers 2,54 mm pitch and 0,64 mm square pins.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths and plating options as standard.</li> <li>• Special pin lengths are available on request. Customized connectors possible.</li> </ul>	<p><b>2,54</b></p>
<p>Pin Headers SMD 2,54 mm</p>  	<p><b>090 Series</b> Straight SMD pin headers 2,54 mm pitch and 0,64 mm square pins, with gull-wing terminations.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths and plating options as standard. Customized connectors possible.</li> </ul>	<p><b>2,54</b></p>
<p>Pin Headers SMD, Sandwich 2,54 mm</p> 	<p><b>585 Series</b> Straight SMD sandwich pin headers 2,54 mm pitch and 0,64 mm square pins, with gull-wing terminations.</p> <ul style="list-style-type: none"> <li>• Many different pin lengths and plating options as standard. Customized connectors are possible.</li> </ul>	<p><b>2,54</b></p>
<p>Pin Headers Right Angled 2,54 mm</p> 	<p><b>088 Series</b> Right angled pin headers 2,54 mm pitch and 0,64 mm square pins. Any pin length available on request.</p>	<p><b>2,54</b></p>
<p>Pin Headers SMD, Right Angled 2,54 mm</p>  	<p><b>334 Series</b> Right angled SMD pin headers 2,54 mm pitch and 0,64 mm square pins, with gull-wing terminations.</p> <ul style="list-style-type: none"> <li>• Mixed contact arrangements available upon request. Customized connectors possible.</li> </ul>	<p><b>2,54</b></p>
<p>Pin Headers for Press-fit Termination 2,54 mm</p> 	<p><b>368 Series</b> Press-fit pin headers 2,54 mm pitch and 0,64 mm square pins. Ideal for PCBs of up to 2,00 mm thickness. The press-in force should not go over the insulator.</p>	<p><b>2,54</b></p>

Part	Description	Pitch
<p>Pin Headers with Turned Contacts 2,54 mm</p> 	<p><b>104 Series</b> Pin headers 2,54 mm pitch and round pins with a diameter of 0,76 mm.</p> <ul style="list-style-type: none"> <li>• Insulator height of 3,20 mm over PCB.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Pin Headers SMD with Turned Contacts 2,54 mm</p> 	<p><b>108 Series</b> SMD pin headers 2,54 mm pitch and round pins with a diameter of 0,76 mm.</p> <ul style="list-style-type: none"> <li>• Gull wing contacts providing maximum mechanical strength and easy testing.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Pin Headers Press-fit with Turned Contacts 2,54 mm</p> 	<p><b>130 Series</b> Press-fit pin headers 2,54 mm pitch and round pins with a diameter of 0,76 mm. Parts are suitable for PCB thickness from 1,50 to 2,50 mm.</p>	<p>■ <b>2,54</b></p>
<p>Pin Headers Shrouded 2,54 mm</p> 	<p><b>093 Series</b> Straight and right angled shrouded pin headers according to DIN 41651 / IEC60603-13 for through hole or SMD termination.</p>	<p>■ <b>2,54</b></p>
<p>Pin Headers Shrouded with Eject Levers 2,54 mm</p> 	<p><b>092 Series</b> Straight and right angled shrouded pin headers according to DIN 41651 / IEC60603-13 for through hole or SMD termination.</p> <ul style="list-style-type: none"> <li>• Parts are available optional with pre-mounted locking feature in 2 heights.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Pin Headers Shrouded with rear mount Eject Levers 2,54 mm</p> 	<p><b>672 Series</b> Shrouded pin headers with pre-mounted locking feature in 2 optional heights mounted on the rear wall.</p>	<p>■ <b>2,54</b></p>


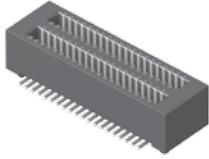



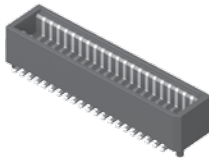
Part	Description	Pitch
<p>Pin Headers SMD, Right Angled 2,54 mm</p> 	<p><b>296 Series</b>                      Right angled SMD pin headers 2,54 mm pitch.                      These parts are featuring an optimized contact shape for all reflow soldering processes.</p> <ul style="list-style-type: none"> <li>• For versions with positioning pegs, please contact our sales desk for availability.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Pin Headers 3,00 mm</p> 	<p><b>704 Series</b>                      Board to board connector featuring blind mating and polarizing.</p> <ul style="list-style-type: none"> <li>• Mates with series 703</li> </ul>	<p>■ <b>3,00</b></p>
<p>Pin Headers for Power Application 5,08 mm</p> 	<p><b>592 Series</b>                      Pin headers 5,08 mm pitch for power transmission up to 8,2 A.</p>	<p>■ <b>5,08</b></p>
<p>Pin Headers Power and Signal 2,00/5,08 mm</p> 	<p><b>567 Series</b>                      Pin headers 2,00 / 5,08 mm pitch for signal and power transmission up to 8,2A.</p>	<p>■ <b>2,00 / 5,08</b></p>
<p>Pin Headers Power and Signal 2,54/5,08 mm</p> 	<p><b>565 Series</b>                      Pin headers 2,54 / 5,08 mm pitch for signal and power transmission up to 8,2A.</p>	<p>■ <b>2,54 / 5,08</b></p>


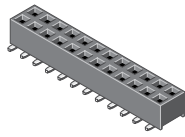


- Female headers for board to board connections from 0,50 mm up to 7,50 mm pitch
- Stamped and formed or precision turned contacts

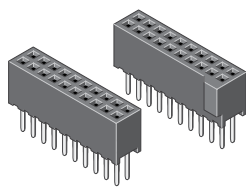
Part	Description	Pitch
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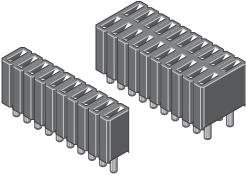

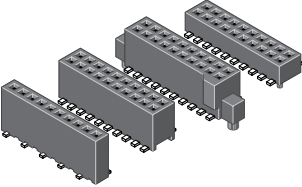

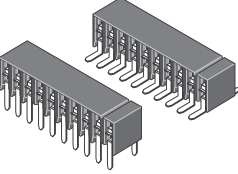
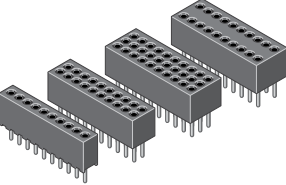
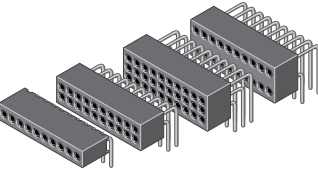

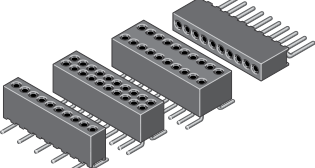
<p>High Density Connectors 0,50 mm</p>  	<p><b>217 Series</b> High density board to board connectors 0,50 mm pitch. Different mating heights available.</p> <ul style="list-style-type: none"> <li>• Mates with series 216.</li> </ul>	<p>■ <b>0,50</b></p>
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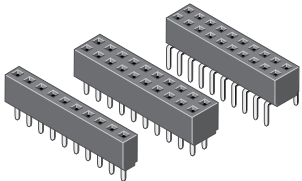
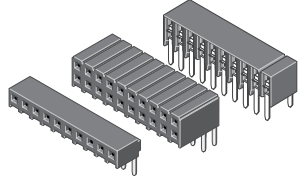
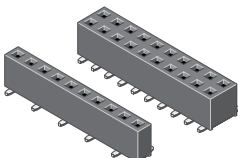

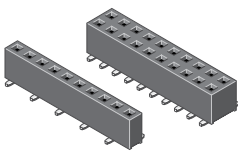

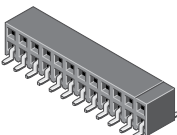

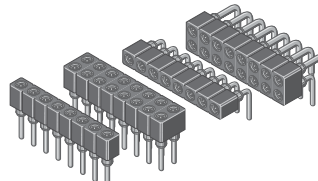
<p>High Density Connectors 0,80 mm</p>  	<p><b>582 Series</b> High density board to board connectors 0,80 mm pitch. Different mating heights available.</p> <ul style="list-style-type: none"> <li>• Mates with series 581.</li> </ul>	<p>■ <b>0,80</b></p>
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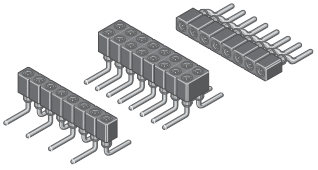
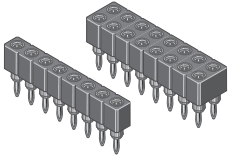
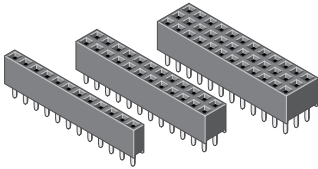
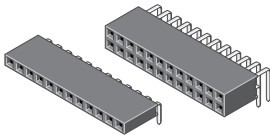
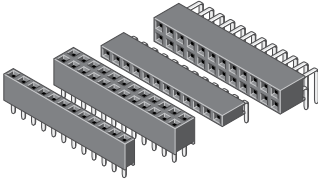
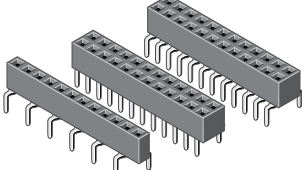
<p>Female Headers SMD 1,00 mm</p>  	<p><b>306 Series</b> Straight SMD female headers 1,00 mm pitch. Ultra low profile with a height above board of 2,20 mm only.</p>	<p>■ <b>1,00</b></p>
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<p>Female Headers 1,27 mm</p> 	<p><b>715 Series</b> Straight and right angled female headers, SMD mount. Compatible with industries standard.</p>	<p>■ <b>1,27</b></p>
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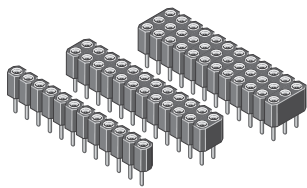
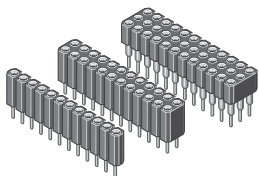
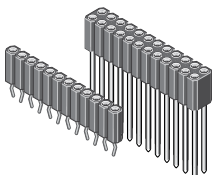
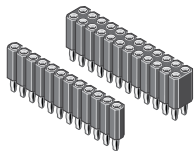
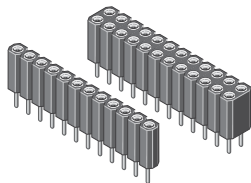
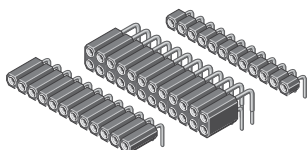
<p>Female Headers 1,27 mm</p> 	<p><b>187 Series</b> Straight female headers 1,27 mm pitch and polarizing option. Available as standard profile with a height above board of 4,30 mm or as low profile insulator with a height above board of 3,40 mm.</p>	<p>■ <b>1,27</b></p>
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Part	Description	Pitch
<p>Female Headers for 0,46 mm Square Pins 1,27 mm</p> 	<p><b>184 Series</b>                      Female headers 1,27 mm pitch, mating with pin size 0,46 mm.                      Height above board is 4,60 mm.</p> <ul style="list-style-type: none"> <li>• Mates with series 659.</li> </ul>	<p>1,27</p>
<p>Female Headers 1,27 mm</p>  	<p><b>185 Series</b>                      Straight SMD female headers 1,27 mm pitch.</p> <ul style="list-style-type: none"> <li>• Many different heights and variations available.                      Customized connectors possible.</li> </ul>	<p>1,27</p>
<p>Female Headers Right Angled 1,27 mm</p>  	<p><b>349 Series</b>                      Female headers side entry 1,27 mm pitch.                      Available for through hole and SMD termination.</p>	<p>1,27</p>
<p>Female Headers with Turned Contacts 1,27 mm</p> 	<p><b>200 Series</b>                      Straight socket connectors 1,27 mm pitch and precision turned contacts.</p>	<p>1,27</p>
<p>Female Headers with Turned Contacts 1,27 mm</p> 	<p><b>204 Series</b>                      Right angled socket connectors 1,27 mm pitch and precision turned contacts.</p>	<p>1,27</p>
<p>Female Headers SMD with Turned Contacts 1,27 mm</p>  	<p><b>208 Series</b>                      Straight and right angled SMD socket connectors 1,27 mm pitch and precision turned contacts.</p>	<p>1,27</p>

Part	Description	Pitch
<p data-bbox="86 161 255 190">Female Headers 2,00 mm</p> 	<p data-bbox="606 161 734 212"><b>156 Series</b></p> <p data-bbox="606 212 877 246">Straight female headers 2,00 mm pitch.</p> <ul data-bbox="606 257 893 291" style="list-style-type: none"> <li>• Different variations and heights available.</li> </ul>	<p data-bbox="1276 161 1404 212">■ <b>2,00</b></p>
<p data-bbox="86 492 351 526">Female Headers Right Angled 2,00 mm</p> 	<p data-bbox="606 492 734 548"><b>159 Series</b></p> <p data-bbox="606 548 909 582">Right angled female headers 2,00 mm pitch.</p> <ul data-bbox="606 593 893 627" style="list-style-type: none"> <li>• Different variations and heights available.</li> </ul>	<p data-bbox="1276 492 1404 548">■ <b>2,00</b></p>
<p data-bbox="86 817 287 851">Female Headers SMD 2,00 mm</p>  	<p data-bbox="606 817 734 873"><b>422 Series</b></p> <p data-bbox="606 873 1021 929">Straight SMD female headers 2,00 mm pitch. Standard versions with 4,50 and 7,62 mm height above board.</p>	<p data-bbox="1276 817 1404 873">■ <b>2,00</b></p>
<p data-bbox="86 1153 287 1187">Female Headers SMD 2,00 mm</p>  	<p data-bbox="606 1153 734 1209"><b>158 Series</b></p> <p data-bbox="606 1209 941 1265">Straight SMD female headers 2,00 mm pitch. Low profile version with a height of 2,80 mm only.</p>	<p data-bbox="1276 1153 1404 1209">■ <b>2,00</b></p>
<p data-bbox="86 1489 383 1523">Female Headers SMD, Right Angled 2,00 mm</p>  	<p data-bbox="606 1489 734 1545"><b>413 Series</b></p> <p data-bbox="606 1545 893 1579">Side entry female headers 2,00 mm pitch.</p> <ul data-bbox="606 1590 893 1624" style="list-style-type: none"> <li>• Different variations and heights available.</li> </ul>	<p data-bbox="1276 1489 1404 1545">■ <b>2,00</b></p>
<p data-bbox="86 1825 399 1859">Female Headers with Turned Contacts 2,00 mm</p> 	<p data-bbox="606 1825 734 1881"><b>165 Series</b></p> <p data-bbox="606 1881 989 1937">Straight and right angled female headers 2,00 mm pitch and precision turned contacts.</p>	<p data-bbox="1276 1825 1404 1881">■ <b>2,00</b></p>

Part	Description	Pitch
<p>Female Headers SMD with Turned Contacts 2,00 mm </p> 	<p><b>171 Series</b> Straight and right angled SMD female headers 2,00 mm pitch and precision turned contacts.</p>	<p><b>2,00</b></p>
<p>Female Headers Press-fit with Turned Contacts 2,00 mm</p> 	<p><b>173 Series</b> Straight female headers 2,00 mm pitch and precision turned contacts for press-fit termination. The press-fit contacts are suitable for PCB thickness from 1,50 to 2,00 mm.</p>	<p><b>2,00</b></p>
<p>Female Headers 8,50 mm, Height 2,54 mm</p> 	<p><b>094 Series</b> Straight female headers 2,54 mm pitch. Standard product with a height above board of 8,50 mm.</p>	<p><b>2,54</b></p>
<p>Female Headers Right Angled 2,54 mm</p> 	<p><b>095 Series</b> Right angled female headers 2,54 mm pitch. Single and dual row versions available.</p>	<p><b>2,54</b></p>
<p>Female Headers Low Profile 5,70 mm, Height 2,54 mm</p> 	<p><b>096 Series</b> Straight and right angled female headers 2,54 mm pitch. Single and dual row versions. Low profile with a height of 5,70 mm above board only.</p>	<p><b>2,54</b></p>
<p>Female Headers Dual Entry 2,54 mm</p> 	<p><b>097 Series</b> Dual entry female headers 2,54 mm pitch. Low profile with a height of 5,00 mm above board only.</p> <ul style="list-style-type: none"> <li>• Different row spacings on pcb layout.</li> </ul>	<p><b>2,54</b></p>

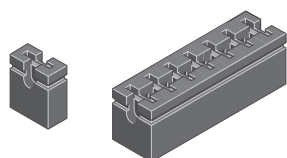
Part	Description	Pitch
Female Headers Dual Entry 8,50 mm, Height 2,54 mm	<p><b>298 Series</b> Dual entry single row female headers 2,54 mm pitch.</p> <ul style="list-style-type: none"> <li>• Standard profile with a height of 8,50 mm above board.</li> <li>• Kinked contacts.</li> <li>• Different row spacings on pcb layout.</li> </ul>	■ 2,54
Female Headers Dual Entry 8,50 mm, Height 2,54 mm	<p><b>299 Series</b> Dual entry dual row female headers 2,54 mm pitch.</p> <ul style="list-style-type: none"> <li>• Standard profile with a height of 8,50 mm above board.</li> <li>• Different row spacings on pcb layout.</li> </ul>	■ 2,54
Female Headers Right Angled, Side Entry 2,54 mm	<p><b>099 Series</b> Right angled female headers 2,54 mm pitch. Standard profile with 7,62 mm row spacing.</p>	■ 2,54
Female Headers Elevated 2,54 mm	<p><b>100 Series</b> Extended female headers 2,54 mm pitch.</p> <ul style="list-style-type: none"> <li>• Available in many different standard heights.</li> </ul>	■ 2,54
Female Headers SMD 2,54 mm	<p><b>098 Series</b> SMD female headers 2,54 mm pitch. Standard height of 7,50 mm and low profile versions with a height of 3,70 mm only.</p>	■ 2,54
Female Headers SMD, Right Angled 2,54 mm	<p><b>366 Series</b> Right angled female headers 2,54 mm pitch. Single and dual row versions available.</p>	■ 2,54

Part	Description	Pitch
<p>Female Headers with Turned Contacts 2,54 mm</p> 	<p><b>111 Series</b>                      Straight female headers 2,54 mm pitch and precision turned contacts.                      Low profile versions with a height above board of 4,20 mm only.</p>	<p>■ 2,54</p>
<p>Female Headers with Turned Contacts 2,54 mm</p> 	<p><b>115 Series</b>                      Straight female headers 2,54 mm pitch and precision turned contacts.                      Standard versions with a height of 7,00 or 8,50 mm available.</p>	<p>■ 2,54</p>
<p>Female Headers with Turned Contacts 2,54 mm</p> 	<p><b>612 Series</b>                      Straight female headers 2,54 mm pitch and precision turned contacts.</p> <ul style="list-style-type: none"> <li>• Kinked solder or wire wrap termination in single or dual row version available.</li> </ul>	<p>■ 2,54</p>
<p>Female Headers with Turned Contacts 2,54 mm</p> 	<p><b>613 Series</b>                      Straight female headers 2,54 mm pitch and precision turned contacts for press-fit mounting.                      Press-fit termination is suitable with board thicknesses between 1,50 and 2,00 mm.</p>	<p>■ 2,54</p>
<p>Female Headers with Turned Contacts for 1,00 mm Pin 2,54 mm</p> 	<p><b>126 Series</b>                      Straight female headers 2,54 mm pitch and precision turned contacts mating with ø1,00 mm pins.</p>	<p>■ 2,54</p>
<p>Female Headers Right Angled with Turned Contacts 2,54 mm</p> 	<p><b>114 Series</b>                      Right angled female headers 2,54 mm pitch and precision turned contacts.</p>	<p>■ 2,54</p>

Part	Description	Pitch
<p data-bbox="86 159 430 185">Female Headers SMD with Turned Contacts 2,54 mm</p>  	<p data-bbox="619 159 734 212"><b>122 Series</b></p> <p data-bbox="619 219 1053 268">Straight and right angled SMD female headers 2,54 mm pitch and precision turned contacts.</p>	<p data-bbox="1337 159 1530 212">■ <b>2,54</b></p>
<p data-bbox="86 488 430 515">Female Headers SMD with Turned Contacts 2,54 mm</p>  	<p data-bbox="619 488 734 542"><b>120 Series</b></p> <p data-bbox="619 548 1053 627">Straight and right angled SMD female headers 2,54 mm pitch and precision turned contacts. Low profile versions with a height above board of 5,60 mm only.</p>	<p data-bbox="1337 488 1530 542">■ <b>2,54</b></p>
<p data-bbox="86 817 255 844">Female Headers 3,00 mm</p> 	<p data-bbox="619 817 734 871"><b>703 Series</b></p> <p data-bbox="619 878 1053 904">Board to board connectors featuring blind mating and polarizing.</p> <ul data-bbox="619 929 766 956" style="list-style-type: none"> <li>• Mates with series 704.</li> </ul>	<p data-bbox="1337 817 1530 871">■ <b>3,00</b></p>
<p data-bbox="86 1149 399 1176">Female Headers for Power Applications 5,08 mm</p> 	<p data-bbox="619 1149 734 1202"><b>593 Series</b></p> <p data-bbox="619 1209 1053 1265">Female headers 5,08 mm pitch and a current carrying capacity of 8,2 A per contact.</p>	<p data-bbox="1337 1149 1530 1202">■ <b>5,08</b></p>
<p data-bbox="86 1480 510 1507">Female Headers for Power and Signal Applications 2,00 / 5,08 mm</p> 	<p data-bbox="619 1480 734 1534"><b>564 Series</b></p> <p data-bbox="619 1541 1053 1597">Female headers 5,08 / 2,00 mm pitch. For mixed signal and power transmission up to 8,2A.</p>	<p data-bbox="1337 1480 1530 1534">■ <b>2,00 / 5,08</b></p>
<p data-bbox="86 1812 510 1839">Female Headers for Power and Signal Applications 2,54 / 5,08 mm</p> 	<p data-bbox="619 1812 734 1865"><b>562 Series</b></p> <p data-bbox="619 1872 1053 1928">Female headers 5,08 / 2,54 mm pitch. For mixed signal and power transmission up to 8,2A.</p>	<p data-bbox="1337 1812 1530 1865">■ <b>2,54 / 5,08</b></p>



- Closed or open insulator
- Jumper blocks
- 2,00 / 2,54 / 5,08 mm pitch



Part	Description	Pitch
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Mini Jumpers 1,27 mm

**713** Series

Closed top female jumpers 1,27 mm pitch.

■ 1,27

- Colour coding in five different colours as standard.



Jumpers 2,00 mm

**175** Series

Female jumpers closed or open top, in three different heights 2,00 mm pitch.

■ 2,00

- Colour coding in six different colours as standard.

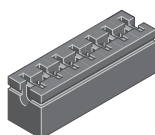


Jumper Blocks 2,00 mm

**303** Series

Female jumper blocks 2,00 mm pitch to link up to 10 pairs in one step.

■ 2,00



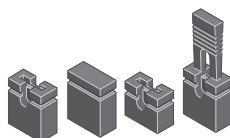
Jumpers 2,54 mm

**149** Series

Female jumpers 2,54 mm pitch.

■ 2,54

- Colour coding in seven different colours as standard.
- Versions with handle

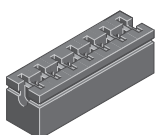


Jumper Blocks 2,54 mm

**336** Series

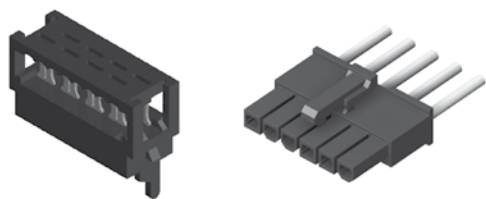
Female jumper blocks 2,54 mm pitch to link up to 13 pairs in one step.

■ 2,54



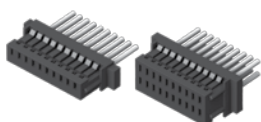
Part	Description	Pitch
Jumpers 5,08 mm	<b>304</b> Series Female jumpers 3-pole, can be used to link either 3 pins 2,54 mm pitch or 2 pins 5,08 mm pitch.	■ <b>5,08</b>



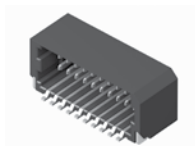


- Cable connectors for wire to board applications
- Current from 1A up to 9A per way

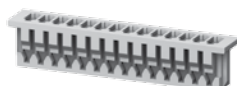
Part	Description	Pitch
Crimp Housings 1,00 mm, Wire to Board Connectors	<b>587 Series</b> Crimp housings 1,00 mm pitch in single and dual row.	■ 1,00



Pin Headers 1,00 mm, Wire to Board Connectors	<b>586 Series</b> High density SMD pin headers 1,00 mm pitch for wire to board applications. Straight and right angled versions available.	■ 1,00
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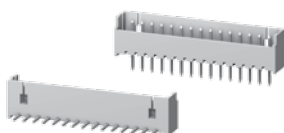
Crimp Housings 1,25 mm, Wire to Board Connectors	<b>425 Series</b> Crimp housings 1,25 mm pitch. Compatible with industries standard.	■ 1,25
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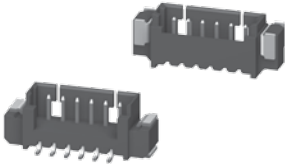

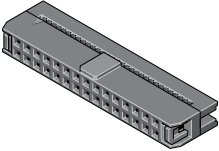
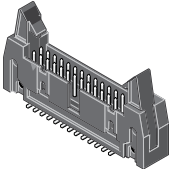
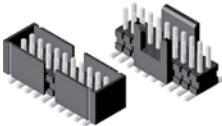

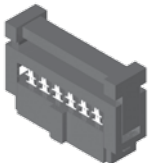
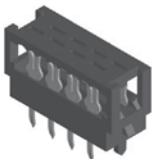



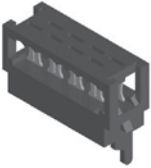
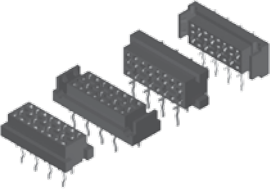
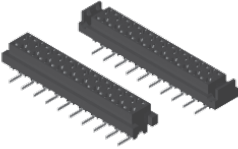
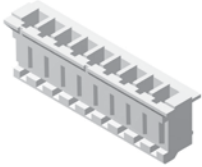
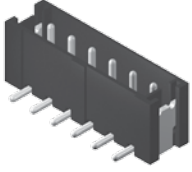
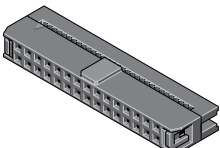
Crimp Housings 1,25 mm, Wire to Wire Connectors	<b>701 Series</b> Crimp housings 1,25 mm pitch for male contacts to be used in wire to wire applications.	■ 1,25
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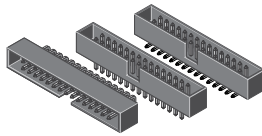
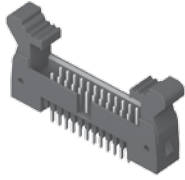
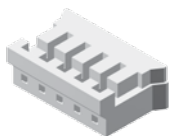
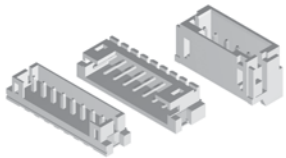
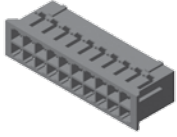
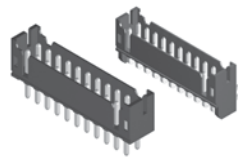


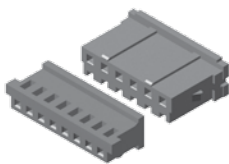
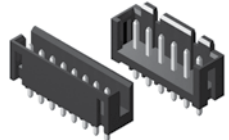
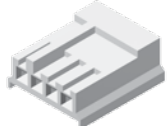
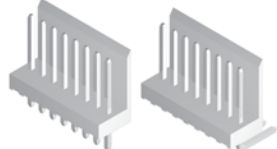

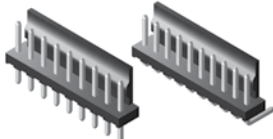
Pin Headers Shrouded 1,25 mm, Wire to Board Connectors	<b>426 Series</b> Pin headers for wire to board applications 1,25 mm pitch for trough hole mount. Compatible with industries standard.	■ 1,25
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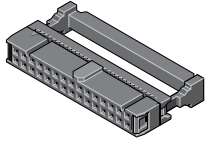

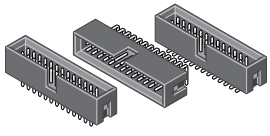
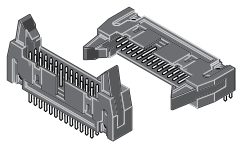
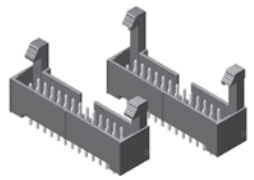
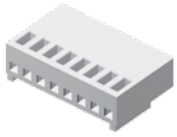
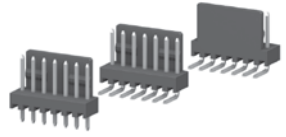


Part	Description	Pitch
<p>Pin Headers SMD Shrouded 1,25 mm Wire to Board Connectors</p>  	<p><b>427</b></p> <p>Pin headers for wire to board applications 1,25 mm pitch for SMD mount. Compatible with industries standard.</p>	<p>■ 1,25</p>
<p>IDC-Connectors 1,27 mm</p> 	<p><b>343</b> Series</p> <p>Female connectors 1,27 mm pitch for IDC termination. Recommended cable: AWG 30 flat ribbon cable 0,635 mm pitch.</p>	<p>■ 1,27</p>
<p>Pin Headers SMD, Shrouded with Eject Levers 1,27 mm</p> 	<p><b>363</b> Series</p> <p>Straight and right angled shrouded pin headers 1,27 mm pitch and active locking feature, SMD or through hole mount.</p>	<p>■ 1,27</p>
<p>Pin Headers SMD, Shrouded 1,27 mm</p>  	<p><b>361</b> Series</p> <p>Straight shrouded pin headers 1,27 mm pitch for SMD mount.</p>	<p>■ 1,27</p>
<p>IDC-Connectors 1,27 x 2,54 mm, Wire to Board Connectors</p> 	<p><b>344</b> Series</p> <p>Female connectors 1,27 x 2,54 mm pitch for IDC termination. Additional strain relief available as an option. Recommended cable: AWG 30 flat ribbon cable 0,635 mm pitch.</p>	<p>■ 1,27</p>
<p>Micro Match Connectors 1,27 mm, Flat Ribbon Cable to PCB, Wire to Board Connectors</p>  	<p><b>371</b> Series</p> <p>High density transmission connectors. These parts are compatible with industries standard products. Recommended cable: AWG 28 flat ribbon cable 1,27 mm pitch.</p>	<p>■ 1,27</p>

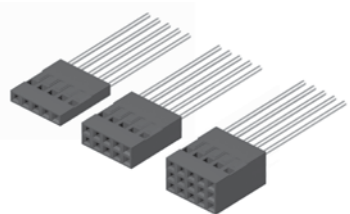
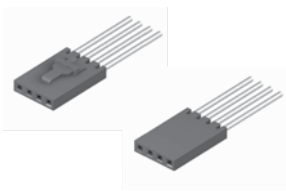
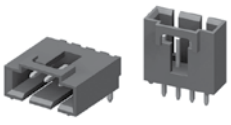
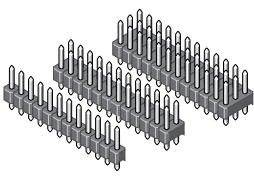
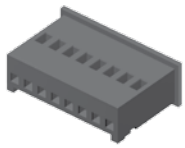
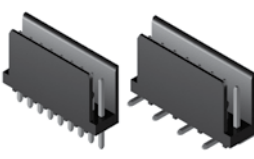
Part	Description	Pitch
<p>Micro Match Connectors 1,27 mm Wire to Board Connectors</p> 	<p><b>372 Series</b> High density male connectors for IDC termination. These parts are compatible with industries standard products. Recommended cable: AWG 28 flat ribbon cable 1,27 mm pitch.</p>	<p>■ <b>1,27</b></p>
<p>Female Headers Micro Match 1,27 mm Wire to Board Connectors</p> 	<p><b>369 Series</b> Wire to board socket connectors 1,27 mm pitch. These parts are compatible with industries standard products.</p>	<p>■ <b>1,27</b></p>
<p>Female Headers Micro Match, SMD 1,27 mm Wire to Board Connectors</p> 	<p><b>374 Series</b> Wire to board SMD socket connectors 1,27 mm pitch. These parts are compatible with industries standard products.</p>	<p>■ <b>1,27</b></p>
<p>Crimp Housings 1,50 mm, Wire to Board Connectors</p> 	<p><b>673 Series</b> Crimp housings 1,50 mm pitch. Compatible with industries standard.</p>	<p>■ <b>1,50</b></p>
<p>Pin Headers Shrouded 1,50 mm, Wire to Board Connectors</p> 	<p><b>671 Series</b> Shrouded pin headers for wire to board application 1,50 mm pitch.</p>	<p>■ <b>1,50</b></p>
<p>IDC-Connectors 2,00 mm</p> 	<p><b>160 Series</b> Female connectors 2,00 mm pitch for IDC termination.  • Recommended cable: AWG 28 flat ribbon cable 1,00 mm pitch.</p>	<p>■ <b>2,00</b></p>

Part	Description	Pitch
<p>Pin Headers SMD, Shrouded 2,00 mm</p> 	<p><b>155 Series</b>                      Straight and right angled shrouded pin headers for wire to board applications, 2,00 mm pitch. Low profile with a height of 5,60 mm only.</p>	<p>■ 2,00</p>
<p>Pin Headers Shrouded with Eject Levers 2,00 mm</p> 	<p><b>588 Series</b>                      Ejector headers 2,00 mm pitch for through hole and SMD termination.</p>	<p>■ 2,00</p>
<p>Crimp Housings 2,00 mm, Wire to Board Connectors</p> 	<p><b>677 Series</b>                      Crimp housings 2,00 mm pitch. Compatible with industries standard.</p>	<p>■ 2,00</p>
<p>Pin Headers Shrouded 2,00 mm, Wire to Board Connectors</p> 	<p><b>668 Series</b>                      Shrouded pin headers for wire to board applications, 2,00 mm pitch, SMD mount for wire to board applications.</p>	<p>■ 2,00</p>
<p>Crimp Housings 2,00 mm, Wire to Board Connectors</p> 	<p><b>679 Series</b>                      Dual row crimp housings 2,00 mm pitch. Compatible with industries standard.</p>	<p>■ 2,00</p>
<p>Pin Headers Shrouded 2,00 mm, Wire to Board Connectors</p> 	<p><b>665 Series</b>                      Shrouded pin headers for wire to board applications 2,00 mm pitch.</p>	<p>■ 2,00</p>

Part	Description	Pitch
<p>Crimp Housings 2,50 mm, Wire to Board Connectors</p> 	<p><b>682 Series</b> Crimp housings 2,50 mm pitch and polarizing feature for wire to board applications.</p>	<p>■ 2,50</p>
<p>Pin Headers Shrouded 2,50 mm, Wire to Board Connectors</p> 	<p><b>663 Series</b> Shrouded pin headers for wire to board applications, 2,50 mm pitch for wire to board applications. Available with polarizing and locking feature.</p>	<p>■ 2,50</p>
<p>Crimp Housings 2,50 mm, Wire to Board Connectors</p> 	<p><b>684 Series</b> Crimp housings 2,50 mm pitch and polarizing feature.</p>	<p>■ 2,50</p>
<p>Pin Headers 2,50 mm, Wire to Board Connectors</p> 	<p><b>661 Series</b> Pin headers for wire to board applications with polarizing feature and 2,50 mm pitch.</p>	<p>■ 2,50</p>
<p>Crimp Housings 2,50 mm, Wire to Board Connectors</p> 	<p><b>686 Series</b> Crimp housings 2,50 mm pitch and polarizing feature.</p>	<p>■ 2,50</p>
<p>Pin Headers 2,50 mm, Wire to Board Connectors</p> 	<p><b>660 Series</b> Pin headers for wire to board applications 2,50 mm pitch, polarizing and locking feature.</p>	<p>■ 2,50</p>

Part	Description	Pitch
IDC-Connectors 2,54 mm  	<b>101 Series</b> Female connectors according to DIN 41651 / IEC60603-13 for IDC termination.	■ 2,54
Pin Headers Shrouded 2,54 mm  	<b>093 Series</b> Straight and right angled shrouded pin headers according to DIN 41651 / IEC60603-13 for through hole or SMD termination.	■ 2,54
Pin Headers Shrouded with Eject Levers 2,54 mm  	<b>092 Series</b> Straight and right angled shrouded pin headers according to DIN 41651 / IEC60603-13 for through hole or SMD termination. Parts are available optional with pre-mounted locking feature in 2 lengths.	■ 2,54
Pin Headers Shrouded with Rear Mount Eject Levers 2,54 mm  	<b>672 Series</b> Shrouded pin headers with pre-mounted locking feature in 2 optional lengths mounted on the rear wall.	■ 2,54
Crimp Housings 2,54 mm, Wire to Board Connectors  	<b>431 Series</b> Polarized crimp housings 2,54 mm pitch. Compatible with industries standard.	■ 2,54
Pin Headers with Polarizing Feature 2,54 mm, Wire to Board Connectors  	<b>428 Series</b> Pin headers 2,54 mm pitch for wire to board applications with polarizing and friction lock feature.	■ 2,54

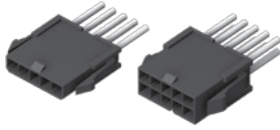


Part	Description	Pitch
<p>Crimp Housings 2,54 mm, Wire to Board Connectors</p> 	<p><b>430 Series</b> Single and dual row crimp housings 2,54 mm pitch.</p> <ul style="list-style-type: none"> <li>• Mates with all standard 2,54 mm pinheaders with square pins.</li> </ul>	<p>■ <b>2,54</b></p>
<p>Crimp Housings 2,54 mm, Wire to Board Connectors</p> 	<p><b>432 Series</b> Polarized crimp housings 2,54 mm pitch. Locking feature as an option. Compatible with industries standard.</p>	<p>■ <b>2,54</b></p>
<p>Pin Headers with Polarizing Feature 2,54 mm, Wire to Board Connectors</p> 	<p><b>429 Series</b> Shrouded pin headers 2,54 mm pitch for wire to board applications with polarizing and positive locking feature.</p>	<p>■ <b>2,54</b></p>
<p>Pin Headers 2,54 mm</p> 	<p><b>087 Series</b> Standard pin headers 2,54 mm pitch and 0,64 mm square pins.</p> <ul style="list-style-type: none"> <li>• Different plating options and different insulators as standard.</li> <li>• Any pin length available on request.</li> </ul> <p>Customized connectors are possible for smaller quantities as well.</p>	<p>■ <b>2,54</b></p>
<p>Crimp Housings 2,54 mm, Wire to Board Connectors</p> 	<p><b>688 Series</b> Crimp housings 2,54 mm pitch and polarizing feature.</p>	<p>■ <b>2,54</b></p>
<p>Pin Headers with Polarizing Feature 2,54 mm, Wire to Board Connectors</p> 	<p><b>662 Series</b> Shrouded pin headers 2,54 mm pitch for wire to board applications with polarizing and locking feature.</p>	<p>■ <b>2,54</b></p>

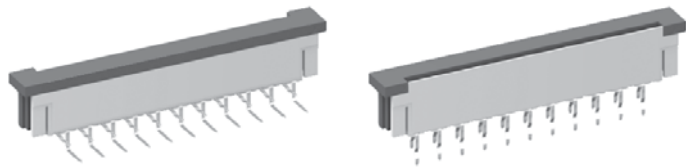
Part	Description	Pitch
<p>Crimp Housings 3,00 mm, Wire to Board Connectors</p> 	<p><b>433 Series</b></p> <p>Polarized crimp housings 3,00 mm pitch for power and signal transmission. Positive locking system. Compatible with industries standard.</p>	<p>■ <b>3,00</b></p>
<p>Pin Headers 3,00 mm, Wire to Board Connectors</p> 	<p><b>435 Series</b></p> <p>Wire to board pin headers 3,00 mm pitch for power and signal transmission. Straight and right angled versions for through hole termination. Compatible with industries standard.</p>	<p>■ <b>3,00</b></p>
<p>Pin Headers SMD 3,00 mm, Wire to Board Connectors</p> 	<p><b>669 Series</b></p> <p>Wire to board pin headers 3,00 mm pitch for power and signal transmission. Single row for straight and right angled SMD termination. Compatible with industries standard.</p>	<p>■ <b>3,00</b></p>
<p>Pin Headers 3,00 mm, Wire to Board Connectors</p> 	<p><b>437 Series</b></p> <p>Wire to board pin headers 3,00 mm pitch for power and signal transmission. Dual row for straight and right angled SMD termination. Compatible with industries standard.</p>	<p>■ <b>3,00</b></p>
<p>Crimp Housings for Pin Contacts 3,00 mm Wire to Wire Connectors</p>  	<p><b>434 Series</b></p> <p>Polarized crimp housings for pin contacts 3,00 mm pitch for wire to wire applications. Compatible with industries standard.</p>	<p>■ <b>3,00</b></p>
<p>Crimp Housings 3,96 mm, Wire to Board Connectors</p> 	<p><b>577 Series</b></p> <p>Crimp housings 3,96 mm pitch with polarizing and locking feature. Compatible with industries standard.</p>	<p>■ <b>3,96</b></p>

Part	Description	Pitch
<p>Pin Headers 3,96 mm</p> 	<p><b>578 Series</b></p> <p>Wire to board pin headers 3,96 mm pitch for power and signal transmission with friction lock system. Single row for straight and right angled board orientation. Compatible with industries standard.</p>	<p>■ <b>3,96</b></p>
<p>Crimp Housings 3,96 mm, Wire to Board Connectors</p> 	<p><b>579 Series</b></p> <p>Polarized crimp housings 3,96 mm pitch and positive locking feature. Compatible with industries standard.</p>	<p>■ <b>3,96</b></p>
<p>Pin Headers 3,96 mm</p> 	<p><b>580 Series</b></p> <p>Polarized pin headers 3,96 mm pitch and positive locking feature.</p>	<p>■ <b>3,96</b></p>
<p>Crimp Housings 4,20 mm, Wire to Board Connectors</p> 	<p><b>569 Series</b></p> <p>Polarized crimp housings 4,20 mm pitch. Positive locking system. Compatible with industries standard.</p>	<p>■ <b>4,20</b></p>
<p>Pin Headers 4,20 mm, Wire to Board Connectors</p> 	<p><b>571 Series</b></p> <p>Polarized right angled pin headers for wire to board applications 4,20 mm pitch and locking system for power transmission up to 9 A. Compatible with industries standard.</p>	<p>■ <b>4,20</b></p>
<p>Pin Headers 4,20 mm, Wire to Board Connectors</p> 	<p><b>573 Series</b></p> <p>Polarized straight pin headers for wire to board applications 4,20 mm pitch and locking system for power transmission up to 9 A. Compatible with industries standard.</p>	<p>■ <b>4,20</b></p>

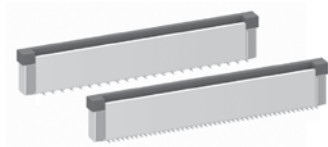
Part	Description	Pitch
Crimp Housings for Pin Contacts 4,20 mm, Wire to Wire Connectors	<p><b>576</b> Series</p> <p>Polarized crimp connectors for wire to wire applications 4,20 mm pitch and locking system for power transmission up to 9 A. Compatible with industries standard.</p>	■ <b>4,20</b>



- 0,50 mm, 0,80 mm and 1,00 mm pitch



Part	Description	Pitch
FFC/FPC Connectors 0,50 mm	<b>406 Series</b> Connectors for FFC/FPC 0,50 mm pitch as ZIF version for straight surface mount.	■ 0,50



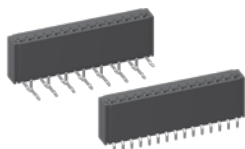
FFC/FPC Connectors 0,50 mm	<b>407 Series</b> Connectors for FFC/FPC 0,50 mm pitch as ZIF version for right angled surface mount.	■ 0,50
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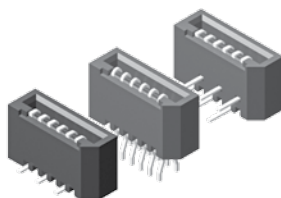
FFC/FPC Connectors 0,80 mm	<b>589 Series</b> Connectors for FFC/FPC 0,80 mm pitch as ZIF version for right angled surface mount.	■ 0,80
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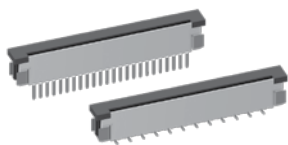
FFC/FPC Connectors 1,00 mm	<b>400 Series</b> Connectors for FFC/FPC 1,00 mm pitch as LIF version featuring a dual beam contact. Through hole and SMD versions in straight and right angled orientation available.	■ 1,00
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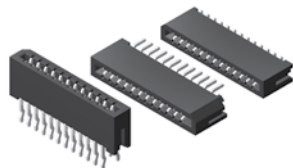
FFC/FPC Connectors 1,00 mm	<b>675 Series</b> Connectors for FFC/FPC 1,00 mm pitch as LIF version. Through hole and SMD versions in straight and right angled orientation available.	■ 1,00
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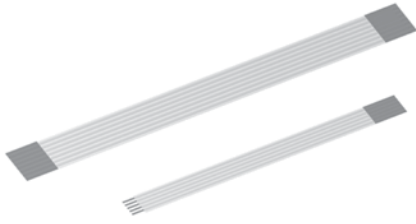
Part	Description	Pitch
FFC/FPC Connectors 1,00 mm 	<b>404 Series</b> Connectors for FFC/FPC 1,00 mm pitch as ZIF version for surface mount.	■ <b>1,00</b>



FFC/FPC Connectors 1,25 mm 	<b>667 Series</b> Connectors for FFC/FPC 1,25 mm pitch as LIF version.	■ <b>1,25</b>
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- High vibration resistant, super flexible



## Part

Flat Flexible Cables 0,50 to 2,54 mm

## Description

### 409 Series

High flexible flat cables according to customer specification.  
We offer prototyping service and small to medium quantities as well.

## Pitch

■ 0,50 .. 2,54





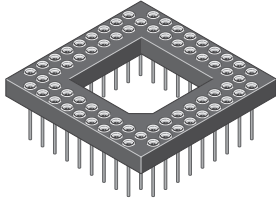
**Geschirmte FFC-Kabel**



- 
- Konfektionierte FFC Kabel in abgeschirmter Ausführung

# PGA-SOCKETS and CARRIER

## ■ Product Group 9

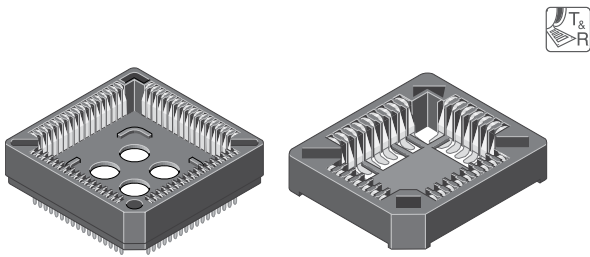


PGA Sockets and carrier for all common layouts and pitches with precision turned contacts for trough hole, SMD / SMT and wire wrap termination.

- Available in a multitude of footprints

# PLCC-SOCKETS

## ■ Product Group 10



PLCC sockets according to JEDEC MO-047 / MO-052 for SMD or through hole soldering.

- All common pin counts in through hole or SMD

# D-SUB

## ■ Product Group 12

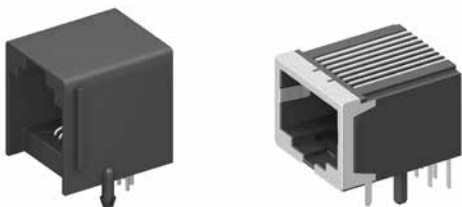


D-Sub connectors in all common variations and pin counts including water tight versions. We are offering a comprehensive range of accessories as well.

- Available for through hole, SMD, press-fit and solder cup termination

# MODULAR JACK

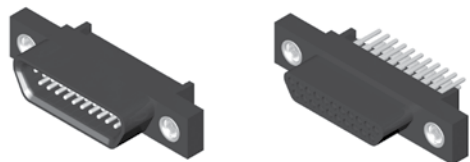
## ■ Product Group 14



Modular Jacks in all common variations.

- Standard, shielded and filtered versions

- High quality miniature connectors for board to board and wire to board applications



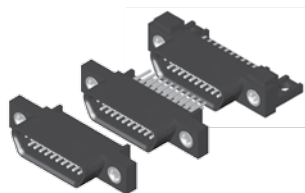
Part	Description	Pitch
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Micro T Pin Headers 1,27 mm

**386 Series**

Micro-T male connectors for use in applications requiring small connectors with high reliability. The D-shape of the insulator assures polarized mating.

■ 1,27

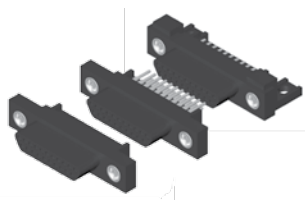


Micro T Female Headers 1,27 mm

**387 Series**

Micro-T female connectors for use in applications requiring small connectors with high reliability. The D-shape of the insulator assures polarized mating.

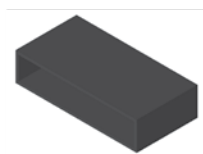
■ 1,27



Micro T Accessories

**388 Series**

Micro-T potting sleeves.



Micro T Accessories

**595 Series**

Micro-T locking screws.



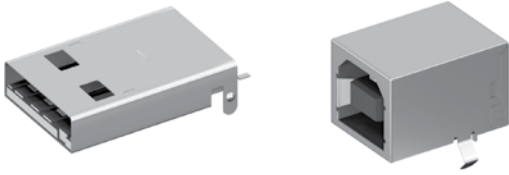
Micro T Hoods

**389 Series**

Micro-T cable hoods for all pin counts.



- USB connectors in all common variations.



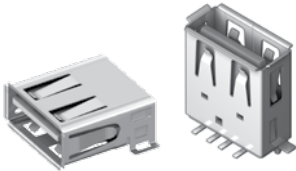
**Part**

**Description**

USB Type A

**416 Series**

USB Type A female connectors in straight and right angled orientation. Available in through hole or SMD version.

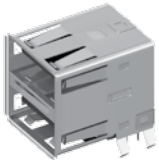


- **New**, a vertical SMD version without a need for any holes in the printed circuit board.

USB Multiport Type A

**414 Series**

USB A, female connectors, available in dual or triple port version.



USB Plug Type A

**415 Series**

USB A, male connectors for PCB through hole or SMD termination.



USB Type B



**418 Series**

USB B, connectors for PCB through hole or SMD termination.



Mini USB

**397 Series**

Mini USB connectors for PCB through hole or SMD termination.



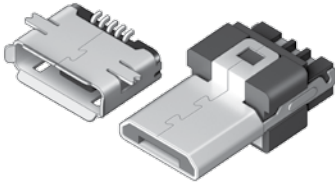
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**Part**

Micro USB

**Description****712 Series**

Micro USB connectors for PCB or wire termination.



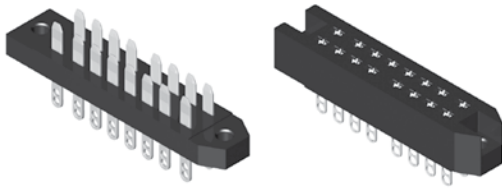
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**USB 3.1 Type C****719 Series**

USB 3.1 Type C



- Male and female multiport connectors according to DIN 41622 / 41618 including solder- or crimpcontacts for wire or printed circuit board termination



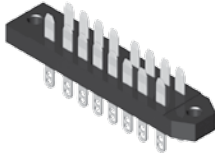
## Part

DIN 41622 Plug Connectors

## Description

### 383 Series

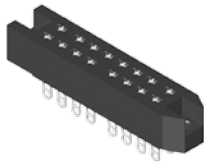
Plug connectors according to DIN 41622 with solder contacts for wire or PCB termination.



DIN 41622 Socket Connectors

### 384 Series

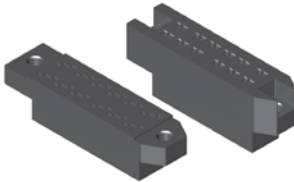
Socket connectors according to DIN 41622 with solder contacts for wire or PCB termination.



DIN 41622 Crimp Housings

### 376 Series

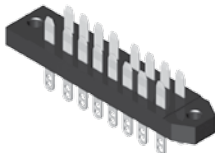
Crimp housings according to DIN 41622 in male and female version.



DIN 41618 Plug Connectors

### 710 Series

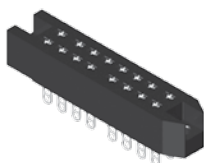
Plug connectors according to DIN 41618 with solder contacts for wire or PCB termination.



DIN 41618 Socket Connectors

### 711 Series

Socket connectors according to DIN 41618 with solder contacts for wire or PCB termination.



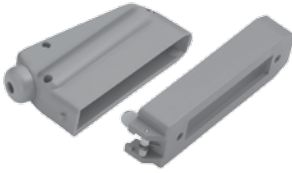
## Part

## Description

DIN 41622 / 41618 Cable Hoods and Armatures

### 378 Series

Cable hoods and armatures in plastic version.



DIN 41622 / 41618 Metal Cable Hoods and Armatures

### 380 Series

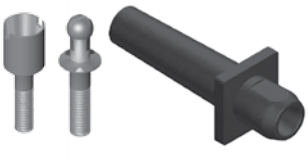
Cable hoods and armatures in metal version.  
Available for specific pincounts only.  
Please contact our sales desk for details.



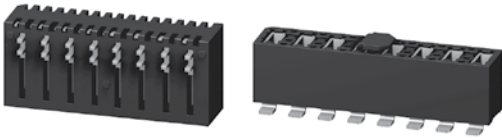
DIN 41622 Accessories

### 382 Series

Accessories for covers and armatures.




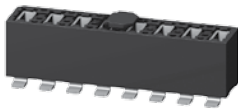
- 16 A per contact



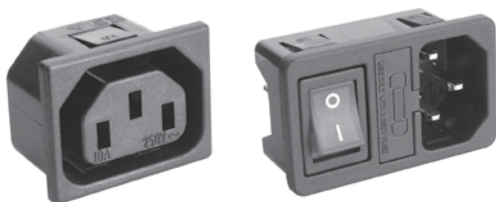
Part	Description	Pitch
Power Connectors 5,08 mm 	<b>445 Series</b> Male power connectors for a current rate up to 16 Amps per contact.	■ <b>5,08</b>



Power Connectors 5,08 mm 	<b>446 Series</b> Female power connectors for a current rate up to 16 Amps per contact.	■ <b>5,08</b>
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- Power in- and outlets according to IEC 60320
- All common variations for different current loads and terminations

Part	Description
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Power Inlets, Horizontal Mount



**615 Series**

Power inlets, flange version, horizontal mount.  
Variations with 36 mm and 40 mm centre hole distance available.

Power Inlets, Vertical Mount



**616 Series**

Power inlets, flange version, vertical mount.

Power Inlets, Bottom Mount



**617 Series**

Power inlets, flange version, bottom mount.

Power Inlets, Bottom Mount



**618 Series**







Power inlets, flange version, bottom mount.

Power Inlets, Snap-in









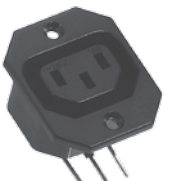

**619 Series**

Power inlets snap-in version.  
Fixed snap-in for panel sizes 1,0; 1,5; 2,0; 2,5 or 3,0 mm as well as a variable snap-in for panel sizes from 1,0 up to 3,2 mm.

Part	Description
<p>Power Inlets, Horizontal Flange for PCB Termination</p> 	<p><b>620 Series</b>                      Power inlets, flange version, horizontal mount for printed circuit board termination. Variations with 36 mm and 40 mm centre hole distance available. Terminals optional on top or on bottom side.</p>
<p>Power Inlets, Vertical Flange for PCB Termination</p> 	<p><b>622 Series</b>                      Power inlets, flange version, vertical mount for printed circuit board termination. Terminals optional on top or on bottom side.</p>
<p>Power Inlets, Snap-in for PCB Termination</p> 	<p><b>624 Series</b>                      Power inlets, snap-in version, horizontal mount for printed circuit board termination. Terminals optional on top or on bottom side. Fixed snap-in for panel sizes 1,0; 1,5; 2,0; 2,5 or 3,0 mm as well as a variable snap-in for panel sizes from 1,0 up to 3,2 mm.</p>
<p>Power Inlets, PCB Flange Mount</p> 	<p><b>621 Series</b>                      Power inlets, flange mount version, optional with threaded brass inserts.</p>
<p>Power Inlets 16 A, Horizontal Mount</p> 	<p><b>625 Series</b>                      Power inlets 16 A, flange version, horizontal mount.</p>
<p>Power Inlets 16 A, Vertical Mount</p> 	<p><b>626 Series</b>                      Power inlets 16 A, flange version, vertical mount.</p>

Part	Description	Pitch
<p>Power Inlets 16 A, Snap-in</p> 	<p><b>627 Series</b>                      Power inlets 16 A, snap-in version.                      Fixed snap-in for panel sizes 1,0; 1,5; 2,0; 2,5 or 3,0 mm available.</p>	
<p>Fused Power Inlets, Horizontal Mount</p> 	<p><b>628 Series</b>                      Fused power inlets, flange version, horizontal mount                      optional with voltage selector.</p>	
<p>Fused Power Inlets, Vertical Mount</p> 	<p><b>630 Series</b>                      Fused power inlets, flange version, vertical mount                      optional with voltage selector.</p>	
<p>Fused Power Inlets, Snap-in</p> 	<p><b>629 Series</b>                      Fused power inlets, snap-in version optional with voltage selector.                      Fixed snap-in for panel sizes 1,0; 1,5; 2,0; 2,5 or 3,0 mm available.</p>	
<p>Fused Power Inlets, Snap-in</p> 	<p><b>634 Series</b>                      Fused power inlets for use with one or two fuses, snap-in version                      optional with voltage selector.                      Fixed snap-in for panel sizes 1,5; 2,0 or 2,5 mm available.                      Rated values for the fuse: max 1,6 W / 10 A / 250 V<sub>AC</sub></p>	
<p>Fused Power Inlets, Horizontal Mount with Voltage Selector</p> 	<p><b>631 Series</b>                      Fused power inlets, flange version horizontal mount,                      for use with one or two fuses and a voltage selector                      for up to 4 different voltages.</p>	

Part	Description
<p>Fused Power Inlets, Snap-in with Voltage Selector</p> 	<p><b>632 Series</b>                      Fused power inlets, snap-in version horizontal mount, for use with one or two fuses and a voltage selector for up to 4 different voltages. Fixed snap-in for panel sizes 1,5; 2,0 or 2,5 mm available.</p>
<p>Power Inlets, Snap-in with Switch</p> 	<p><b>633 Series</b>                      Power inlets snap-in version with switch. Fixed snap-in for panel sizes 1,5; 2,0 or 2,5 mm available.</p>
<p>Fused Power Inlets, Snap-in with Switch</p> 	<p><b>635 Series</b>                      Fused power inlets with switch, snap-in version, for use with one or two fuses and voltage selector. Fixed snap-in for panel sizes 1,5; 2,0 or 2,5 mm available. Rated values for the fuse: max 1,6W / 10 A / 250 V<sub>AC</sub></p>
<p>Fused Power Inlets, Vertical Mount with Switch</p> 	<p><b>448 Series</b>                      Fused power inlets, flange version with switch. The switch can be illuminated as an option.</p>
<p>Fused Power Inlets, Snap-in with Switch</p> 	<p><b>650 Series</b>                      Fused power inlets, snap-in version with switch. The switch can be illuminated as an option. Fixed snap-in for panel sizes 1,0, 1,5 or 2,0 mm available.</p>
<p>Power Outlets, Horizontal Mount</p> 	<p><b>639 Series</b>                      Power outlets, flange version, horizontal mount.</p>

Part	Description
<p>Power Outlets, Vertical Mount</p> 	<p><b>640 Series</b> Power outlets, flange version, vertical mount.</p>
<p>Power Outlets, Snap-in</p> 	<p><b>641 Series</b> Power outlets snap-in version. Fixed snap-in for panel sizes 1,0; 1,5; 2,0 or 2,5 mm available.</p>
<p>Power Outlets, Horizontal Mount</p> 	<p><b>638 Series</b> Power outlets, flange version, bottom mount.</p>
<p>Power Outlets, Horizontal Flange for PCB Mount</p> 	<p><b>642 Series</b> Power outlets, flange version, horizontal mount for printed circuit board termination. Terminals optional on top or on bottom side.</p>
<p>Power Outlets, Vertical Flange for PCB Mount</p> 	<p><b>643 Series</b> Power outlets, flange version, vertical mount for printed circuit board termination. Terminals optional on top or on bottom side.</p>
<p>Power Outlets, Snap-in for PCB Termination</p> 	<p><b>644 Series</b> Power outlets, snap-in version, horizontal mount for printed circuit board termination. Terminals optional on top or on bottom side. Fixed snap-in for panel sizes 1,0; 1,5; 2,0; 2,5 or 3,0 mm available.</p>

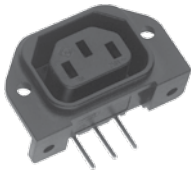
## Part

## Description

Power Outlets PCB with Flange Mount

### 645 Series

Power outlets, flange mount version, optional with threaded brass inserts.



Power Outlets 16 A with Horizontal Mount

### 646 Series

Power outlets 16 A, flange version, horizontal mount.



Power Outlets 16 A with Snap-in

### 647 Series

Power outlets 16 A, snap-in version.  
Variable snap-in for panel sizes from 1,0 up to 3,2 mm.



Combinations with Fused Inlet

### 648 Series

Fused inlet-/outlet-combinations with up to 6 outlets in one housing.



Power Outlet Combinations

### 649 Series

Outlet combinations with up to 7 outlets in one housing.





Rewirable IEC Male Connectors


### 636 Series


Rewirable plug connectors, 3 choices for the cable outlet.





Part	Description
<p>Rewirable IEC Female Connectors</p> 	<p><b>637 Series</b>                      Rewirable socket connectors, 3 choices for the cable outlet.</p>

<p>Power Inlets for Small Appliances, Horizontal Mount</p> 	<p><b>654 Series</b>                      Power inlets for small appliances, horizontal mount.</p>
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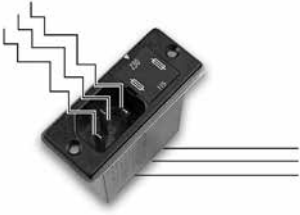
<p>Power Inlets for Small Appliances, Press Fit Mount</p> 	<p><b>655 Series</b>                      Power inlets for small appliances, press fit mount.</p>
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<p>Power Inlets for Small Appliances</p> 	<p><b>652 Series</b>                      Power inlets for small appliances in horizontal flange mount, for printed circuit board and solder termination.</p>
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<p>Power Inlets for Small Appliances</p> 	<p><b>653 Series</b>                      Power inlets for small appliances in snap in version, for printed circuit board and solder termination.</p>
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<p>Customer Specific Power Cords</p> 	<p><b>■ Series</b>                      Please contact our sales desk.</p>
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# LINE FILTERS



- High quality single phase line filters with IEC connector
- All parts are available with zero leakage current for medical applications

**Part**  
HGN 323

**Description**  
Compact line filters



**Part**  
HGN 365

**Description**  
Line filters with 2 fuses



HGN 336

Line filters with integrated 2-pole switch



HGN 369

Line filters with one fuse and a 4-way voltage selector



HGN 337

Line filters with integrated 2-pole switch and 2 fuses



HGN 369-X-2X

Line filters with 2 fuses and a 2-way voltage selector



HGN 339

Line filters with integrated 2-pole switch, 2 fuses and a 2-way voltage selector



HGN 375

Line filters with integrated 2-pole switch and 2 fuses



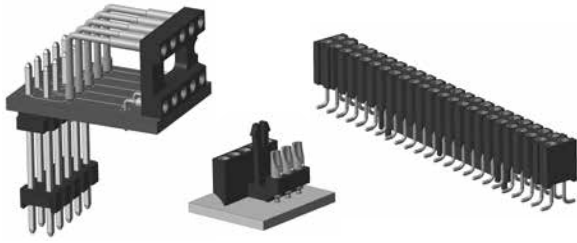
HGN 341

Line filters with integrated 2-pole switch, 2 fuses and a 4-way voltage selector





- Following are a few representative examples for customer specific products out of our production



## Part

Stamped Parts

## Description

We are offering precision metal stampings for all industries, specializing in complex, high precision contact systems. Custom tooling designed and manufactured by MPE-Garry



## Part

LED Adapter

## Description

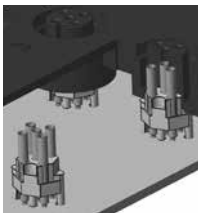
A special adapter to contact a small LED display on a horizontal orientated printed circuit board



## Part

M12 Contact Carrier System

A special contact carrier system for M12 Connectors. This carrier system allows preassembling all contacts on a printed circuit board before mounting it with a front panel.



## Part

IP – 65 Power Outlet

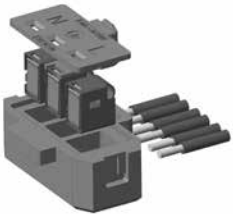
A special power outlet with internal seals to withstand harsh environmental conditions.



## Part

Connector System for the Connection of Luminaires

A special pluggable installation solution for ceiling lights which makes the installation of a lamp as easy and save as inserting a mains plug into a wall outlet.



## Part

Wire to Board Connector IP-65

A special lockable connector for high current applications in harsh environment.



## Part

A precision stamped contact element

This part is supplied on tape and reel for automatic pick and place mounting.



## Part

Pin Header

Special 2-row pin header with integrated stop function.



## Part

Pin Header

34-way pin header with integrated fastening features.



## Part

Socket Strip

SMD socket strip with a special height, integrated location pegs and a coplanarity of less than 0,10 mm.




# CUSTOMER SPECIFIC SOLUTIONS

**Part**  
Pin Header

**Description**


Special pin header with round pins and two insulators to compensate a height difference of two boards mounted in line.



**Part**  
Adapter

**Description**

Special test adapter for sensor heads.



**Part**  
Adapter

**Description**

Programming adapter to adjust light control units in buildings.



**Part**  
Contact Array

**Description**


Special contact array on a carrier. Integrated spacers ensure a special height without the need of special contacts.



**Part**  
Socket Array

**Description**


Special socket array with female contacts, solder cup contacts and an integrated spacer.



**Part**  
Adapter Cable

**Description**


Special adapter cable which connects a 0,50 mm pitch to a 2,54 mm pitch.



**Part**  
Wire to Board Contacts

**Description**

High current wire to board contacts for up to 70 A.



**Part**  
Contact System

**Description**

Contact system for LED light tubes.



**Part**  
Display Dot

**Description**


Display dot including all electrical connections for use in big outdoor displays.



**Part**  
Socket Connector

**Description**


IP-67 socket connector for outdoor applications.



**Part**  
Power Inlet

**Description**

Power inlets with integrated gasket and strain relief.



Wir haben uns **neu** positioniert.

Wir sind ein zuverlässiger **Partner**.

Wir denken **global**.

Wir wollen eine **Marke** werden.



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