

Miniature Connectors for PCB Mounting or Cable to Cable

- Small size
- Modular prolongation in a row
- 3, 5, 9 way
- Guiding and keying by the insulating body geometry
- Hyperboloid contacts, 0.5mm diameter
- Solder cup, through board solder (TBS)
- RoHS compliant

Technical Characteristics

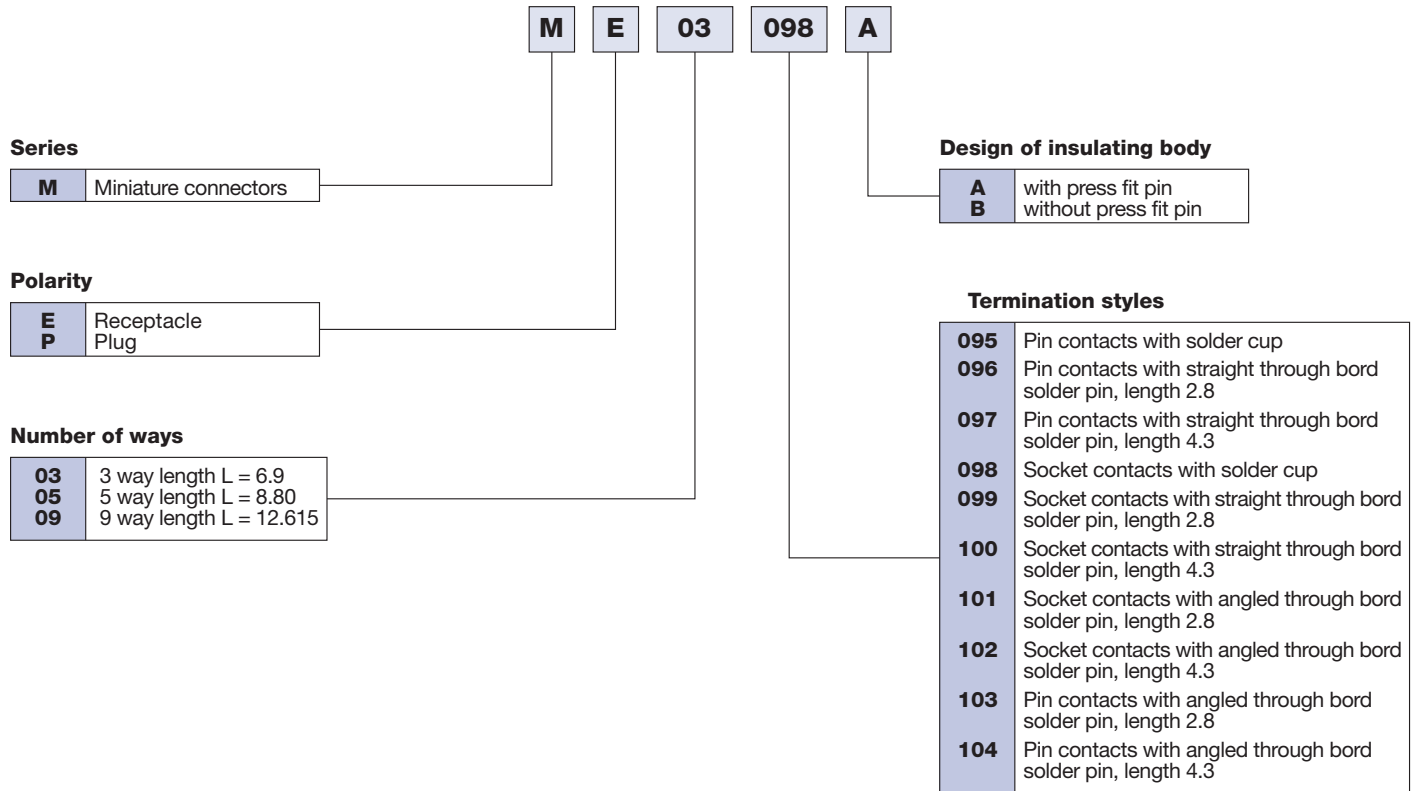
Material

Insulating body	LCP (30% glass fibre)
Contacts	Brass
Contact plating	Gold plated

Electrical Data

Nominal current	3 A
Contact resistance	<6 mΩ
Insulation test voltage	1500 V
MIL-specification	MIL - M - 24519C
Insulating body acc. to MIL	GLCP - 30F
Dimensional stability under heat	206 °C acc. to DIN 53461C
Pitch	Mating site 1.905 mm center-to-center spacing 1.905 mm row-to-row spacing Wired site 1.905 mm center-to-center spacing 1.905 mm row-to-row spacing
Contacts	Hyperboloid contacts 0,5 mm
Guiding	By guiding rail on the side
Coding	By guiding rails
Keying	By a notch on the guiding rail

Ordering Information



Insulating bodies

Plug (male)	Receptacle (female)	Insulating body design	Layout of printed circuit
<p>3 way</p>	<p>Insulating body design</p> <p>A</p> <p>with press fit pin</p> <p>B</p> <p>without press fit pin</p>		
<p>5 way</p>	<p>Insulating body design</p> <p>A</p> <p>with press fit pin</p> <p>B</p> <p>without press fit pin</p>		
<p>9 way</p>	<p>Insulating body design</p> <p>A</p> <p>with press fit pin</p> <p>B</p> <p>without press fit pin</p>		

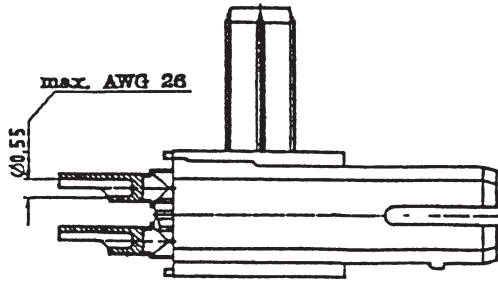
Dimensions are in mm

Termination styles

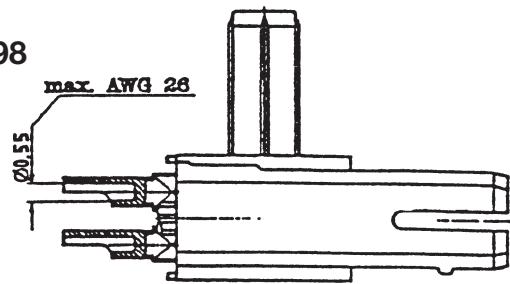
Pins

Sockets

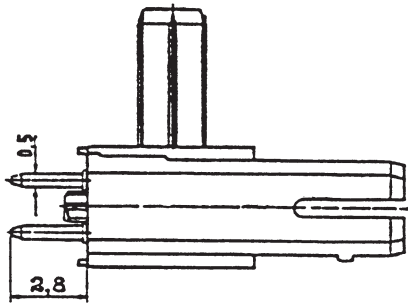
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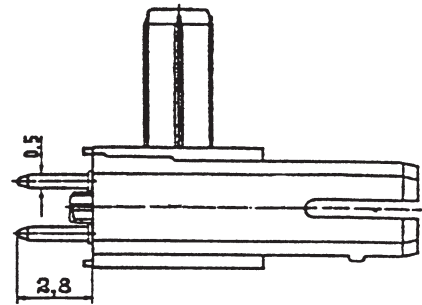
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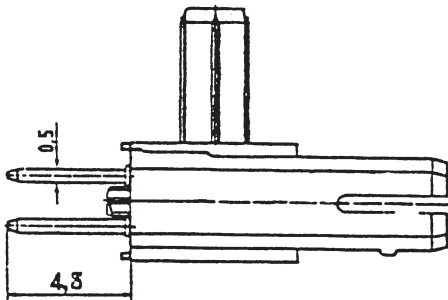
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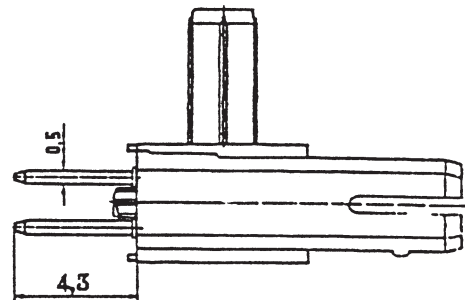
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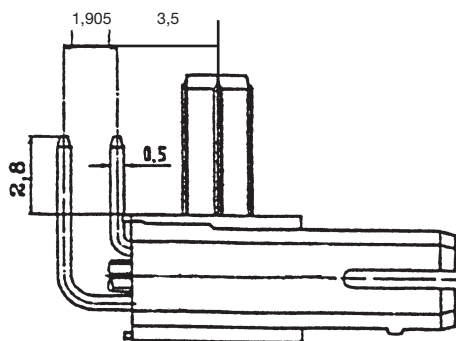
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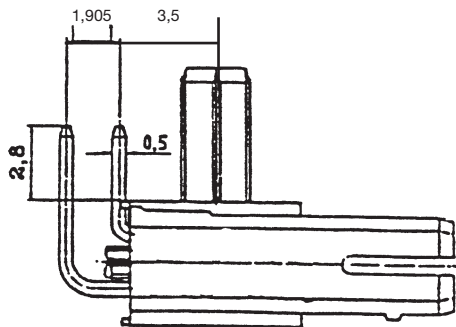
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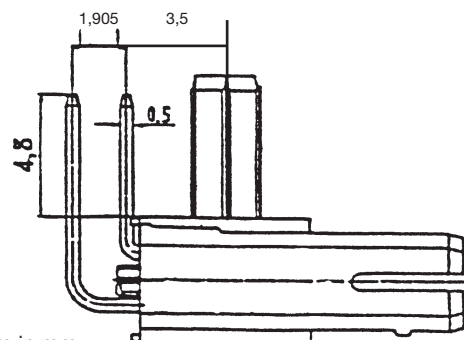
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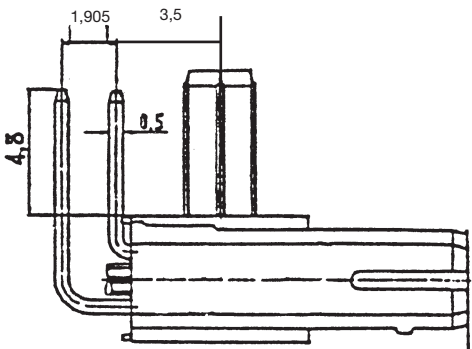
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Dimensions are in mm