

Product sheet

Miniature connector



Product	Contacts: 7 DIN, cable plug connector, cable outlet 3 - 6 mm	Area	M16 IP40 Series 680
Pole	7 DIN	Article number	09 1581 00 07

Illustration	Scale drawing	Contact Arrangement																								
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You can find the item description on the next page.

Technical data

Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	0.75 mm ²
Wire gauge (AWG)	20
Cable outlet	3 - 6 mm
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	5 A
Volume resistivity	≤ 5 mΩ
EMV compliance	not shielded
Degree of protection	IP40
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Ag (Silver)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PA (UL 94 HB)

Contacts: 7 DIN, cable plug connector, cable outlet 3 - 6 mm, silver plated contacts

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Product
Pole

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cable outlet 3 - 6 mm
7 DIN**

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**M16 IP40 Series 680
09 1581 00 07**

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