

# Product sheet

## Subminiature connector



Product	<b>Contacts: 2, Male angled connector, cable outlet 3.5-5 mm</b>	Area	<b>M9 IP67 Series 712</b>
Pole	<b>2</b>	Article number	<b>99 0401 70 02</b>

Illustration	Scale drawing	Contact Arrangement									
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,55</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>-1,09</td> <td>-1,09</td> </tr> </tbody> </table>		X	Y	1	1,55	0,00	2	-1,09	-1,09
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You can find the item description on the next page.

## Technical data

### Common values

Connector Design	Male angled connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	0.25 mm <sup>2</sup>
Wire gauge (AWG)	24
Cable outlet	3.5 - 5 mm
Upper temperature	85 °C
Lower temperature	-40 °C

### Cable data

material housing	-
Insulation single lead	-
Single lead structure	-
Conductor resistance	-

### Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	II
Material group	III
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shieldable
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PA (UL 94 VH-B)

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Product

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Area

**M9 IP67 Series 712**

Pole

**2**

Article number

**99 0401 70 02**

### Item description

