

# Product sheet

## Subminiature connector



Product	<b>Contacts: 5, Female angled connector, 360° EMC safe, cable outlet 3.5-5 mm</b>	Area	<b>M9 IP67 Series 712</b>
Pole	<b>5</b>	Article number	<b>99 0414 75 05</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>-1,00</td> <td>-1,37</td> </tr> <tr> <td>2</td> <td>-1,61</td> <td>0,52</td> </tr> <tr> <td>3</td> <td>0,00</td> <td>1,70</td> </tr> <tr> <td>4</td> <td>1,61</td> <td>0,52</td> </tr> <tr> <td>5</td> <td>1,00</td> <td>-1,37</td> </tr> </tbody> </table>		X	Y	1	-1,00	-1,37	2	-1,61	0,52	3	0,00	1,70	4	1,61	0,52	5	1,00	-1,37
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You can find the item description on the next page.

## Technical data

### Common values

Connector Design	Female 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)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shieldable
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

### Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PA (UL 94 V-0)
Material of housing	CuZn (Brass nickel-plated)

Contacts: 5, Female angled connector, 360° EMC safe, shieldable, cable outlet 3.5-5 mm

Product

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360° EMC safe, cable outlet 3.5-5 mm  
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**M9 IP67 Series 712  
99 0414 75 05**

Pole

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