

# Product sheet

## Miniature connector



Product	<b>Contacts: 5, cable plug connector, cable outlet 4 – 6 mm</b>	Area	<b>Bayonet IP40 Series 678</b>
Pole	<b>5</b>	Article number	<b>99 0613 00 05</b>

Illustration	Scale drawing	Contact Arrangement																		
		<table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3,03</td> <td>-1,75</td> </tr> <tr> <td>2</td> <td>3,03</td> <td>1,75</td> </tr> <tr> <td>3</td> <td>0,00</td> <td>3,50</td> </tr> <tr> <td>4</td> <td>-3,03</td> <td>1,75</td> </tr> <tr> <td>5</td> <td>-3,03</td> <td>-1,75</td> </tr> </tbody> </table>		X	Y	1	3,03	-1,75	2	3,03	1,75	3	0,00	3,50	4	-3,03	1,75	5	-3,03	-1,75
	X	Y																		
1	3,03	-1,75																		
2	3,03	1,75																		
3	0,00	3,50																		
4	-3,03	1,75																		
5	-3,03	-1,75																		

You can find the item description on the next page.

### Technical data

#### Common values

Connector Design	Cable plug connector
Connector locking system	Bayonet
Termination	Solder
Wire gauge (mm)	0.75 mm <sup>2</sup>
Wire gauge (AWG)	20
Cable outlet	4 - 6 mm
Upper temperature	85 °C
Lower temperature	-40 °C

#### Electrical values

Rated voltage	250 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	6 A
Volume resistivity	≤ 5 mΩ
EMV compliance	not shieldable
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 V-0)

Contacts: 5, cable plug connector, cable outlet 4 – 6 mm

Product	<b>Contacts: 5, cable plug connector, cable outlet 4 – 6 mm</b>	Area	<b>Bayonet IP40 Series 678</b>
Pole	<b>5</b>	Article number	<b>99 0613 00 05</b>

Item description

