

Product	<b>Contacts 3: Male panel mount connector with dip-solder contact</b>	Area	<b>M5 Series 707</b>
Pole	<b>3</b>	Article number	<b>09 3105 81 03</b>

Illustration	Scale drawing	Contact Arrangement															
		<table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-0,63</td> <td>-0,63</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>0,63</td> <td>0,63</td> </tr> <tr> <td>4</td> <td>-0,63</td> <td>0,63</td> </tr> </tbody> </table> <p style="font-size: small;">                     1 braun/brown                      2 nicht konfektioniert/not assembled                      3 blau/blue                      4 schwarz/black                 </p>		X	Y	1	-0,63	-0,63	2	-	-	3	0,63	0,63	4	-0,63	0,63
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1	-0,63	-0,63															
2	-	-															
3	0,63	0,63															
4	-0,63	0,63															

## Technical data

### Common values

Connector Design	Male panel mount connector
Connector locking system	screw
Termination	dip-solder
Wire gauge (mm)	0.14 mm <sup>2</sup>
Wire gauge (AWG)	26
Upper temperature	80 °C
Lower temperature	-25 °C

### Cable data

Temperature range cable movable c from	-5
Temperature range cable movable c to	80
Temperature range cable fixed c from	-25
Temperature range cable fixed c to	80

### Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	I
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PA
Material of housing	CuZn (Brass nickel-plated)

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