

Product sheet

Miniature connector



Product	Contacts: 7 DIN, female cable connector, cable outlet 4 – 6 mm	Area	M16 IP67 Series 723
Pole	7 DIN	Article number	09 0582 25 07

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>-3,50</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>0,00</td> <td>3,50</td> </tr> <tr> <td>3</td> <td>3,50</td> <td>0,00</td> </tr> <tr> <td>4</td> <td>-2,47</td> <td>2,47</td> </tr> <tr> <td>5</td> <td>2,47</td> <td>2,47</td> </tr> <tr> <td>6</td> <td>-2,47</td> <td>-2,47</td> </tr> <tr> <td>7</td> <td>2,47</td> <td>-2,47</td> </tr> </tbody> </table>		X	Y	1	-3,50	0,00	2	0,00	3,50	3	3,50	0,00	4	-2,47	2,47	5	2,47	2,47	6	-2,47	-2,47	7	2,47	-2,47
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You can find the item description on the next page.

Technical data

Common values

Connector Design	Female cable connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	0.75 mm ²
Wire gauge (AWG)	20
Cable outlet	4 - 6 mm
Upper temperature	95 °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	IP67
Mechanical operation	> 500 mating cycles

Material

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

Contacts: 7 DIN, female cable connector, cable outlet 4 - 6 mm, silver plated contacts

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