

Product sheet

Miniature connector



Product	Contacts: 5, Male angled connector, CRIMP connection, shieldable, cable outlet 6 - 8 mm	Area	M16 IP67 Series 423
Pole	5	Article number	99 5613 750 05

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
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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	Crimp
Wire gauge (mm)	0.14 -1.0 mm ²
Wire gauge (AWG)	26-18
Cable outlet	6 - 8 mm
Upper temperature	95 °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	schirmbar
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	CuZn (Brass nickel-plated)

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