

Part Number

PES.OM.305.XLCT

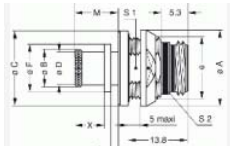
Size/Series OMN / M

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MECHANICAL DETAILS

Shell Style/Model	PE*: Fixed receptacle, nut fixing and mold stop
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ : 0 - 0 mm
Variant	:

	A	B	C	D	F	L	M	S1	S2	X	e
mm	17.0	8.8	16.8	8.0	10.7	25.6	9.7	11.5	14.0	6.7	M13x0.75
in.	0.67	0.35	0.66	0.31	0.42	1.01	0.38	0.45	0.55	0.26	

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PERFORMANCE DETAILS

Insert Configuration Specifications	OM.305 : 5 Low Voltage
Contact Type:	Crimp
Max. Matings:	5000
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm

OTHER CHARACTERISTICS

Humidity (max):	<=95% [at 60 deg C /140 F]
Vibration:	15 g [10 Hz - 2000 Hz]
Shock Resistance:	100 g [6 ms]
Operating temperature:	-55°C/ +200°C
Climatical Category:	15/200/21 (Al. shell)
Lighting strike EIA 364-75	10K amps - 6 times
EMI Shielding EIA 364-66A	- 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
IP Rating	68
Catalog	

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