

Part Number . . . **EDN.0M.305.XLM**

Size/Series 0MN / M

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MECHANICAL DETAILS

Shell Style/Model ED*: Fixed receptacle with square flange
Keying 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing Variant : 0 - 0 mm

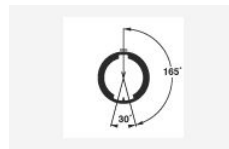
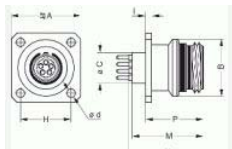
	A	B	C	G	H	K	Lr	LS	N	P	V
mm.	20.6	4.72	12.7	12.8	11.0	1.5	18.1	18.1	16.0	5.3	2.7
in.	0.81	0.19	0.50	0.50	0.43	0.06	0.71	0.71	0.63	0.21	0.11

PERFORMANCE DETAILS

Insert Configuration Specifications 0M.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 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Test voltage (kV rms) 1.25
Contact-contact: 1
Test voltage (kV rms) 1
Contact-shell: 1
Rated current (A): 6.5

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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