HEN.0M.302.XLNP

SUMMARY

Wires

Low voltage	**2**



Image is for illustrative purpose only

Series	0M
Termination type	Female print PCB
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FMN.0M.302.XLC

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PCB Eagle Pattern
PCB Altium Pattern
PCB KiCad Pattern
Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing for printed circuit, watertight
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Variant	P : Watertight
Weight	8.00 g

Performance

Configuration	0M.302 : 2 Low Voltage
Insulator	L: PEEK
Rated Current	10 Amps

Specifications

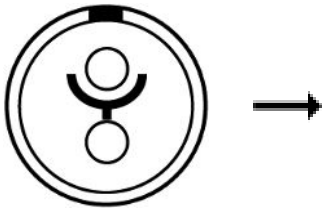
Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Test voltage (kV rms) Contact-contact: 1.45
Test voltage (kV rms) Contact-shell: 1

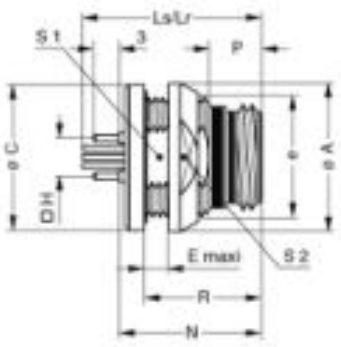
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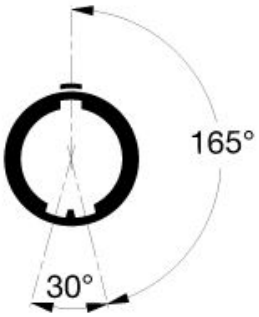
Others

Endurance (Shell): 3000 mating cycles
Temp (min / max): -20°C / +80°C
Humidity (max): 21 days at 95%
Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)
Vibration-Sine: 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]
Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]
Shock Resistance: 300 g [3 ms]
Lighting strike EIA 364-75: 10K amps - 6 times
Thermal shock: 5 cycles: -65°C to +150°C
EMI Shielding EIA 364-66A: >= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)
Salt Spray Corrosion: max. 48 hr

DRAWINGS







Dimensions

	A	C	E	H	Lr	Ls	N	P	R	S1	S2	e
mm.	17	16.8	5	5.08	21	20.8	16.8	5.3	13.8	11.5	14	M13x0.75
in.	0,67	0,66	0,20	0,20	0,83	0,82	0,66	0,21	0,54	0,45	0,55	

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCM.65.000.4PA

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