

SUMMARY

Wires

Low voltage 6

Series 2M
Termination type Male crimp
IP rating 68
AWG wire size 0.00 - 0.00
Cable Ø 6.50 - 13.00 mm
Status active
Matching parts [PEN.2M.306.XRMT3](#)



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug with arctic grip and mold stop
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
Weight 11.31 g

Performance

Configuration 2M.306_3 : 3 (0.7 mm) + 3 (1.3 mm) Low Voltage
Insulator R: PEEK (mixed multipole)
Rated Current

Specifications

Contact Type: Crimp

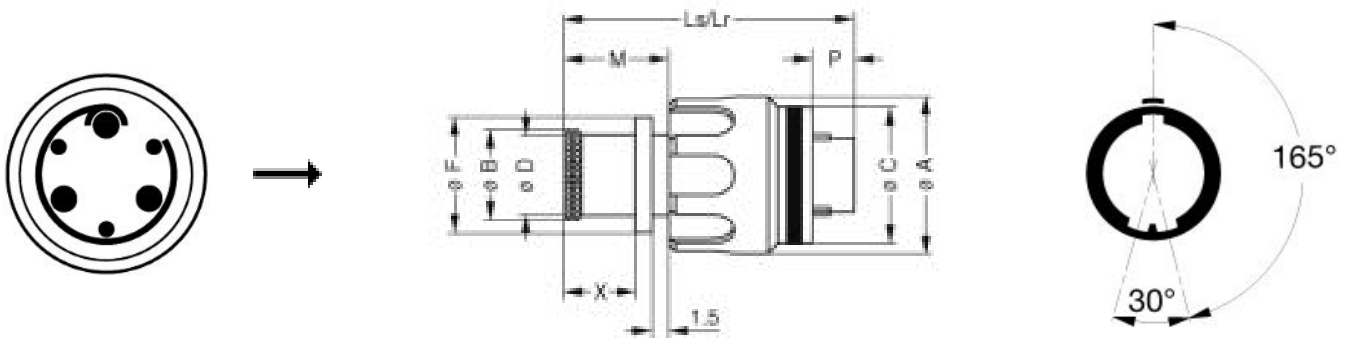
Others

Endurance (Shell): 3000 mating cycles
Temp (min / max): -20°C / +200°C
Humidity (max): 21 days at 95%
Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)

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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	B	C	D	F	Lr	Ls	M	P	X
mm.	18.9	14	17.2	13	15.5	27.5	27.5	10.1	3.9	7.1
in.	0,74	0,55	0,68	0,51	0,61	1,08	1,08	0,40	0,15	0,28

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
 Crimp settings: AWG/Selector = 22-24-26 16-18-20/6-5-5 8-7-7
 Positionner: [DCE.91.070.5MVC](#)
 Positionner 2: [DCE.91.130.5MVC](#)
 Extractor: [DCF.93.131.4LT](#)

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Extractor 2: [DCF.93.070.4LT](#)

Replacement contact: FGN.0M.555.ZZC / FGN.0M.565.ZZC

Cables

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