



# **SUMMARY**

#### # Wires

Low voltage 4



Image is for illustrative purpose only

Series 0M

**Termination type** Female crimp

IP rating 68

AWG wire size 26.00 - 22.00 Cable Ø 4.00 - 8.00 mm

Status active

Matching parts FMP.0M.304.XLC

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# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model EG\*: Fixed receptacle, nut fixing

**Keying** 3 keys (beta=150, gamma=60, 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 4.75 g

### **Performance**

Configuration OM.304: 4 Low Voltage

Insulator L: PEEK
Rated Current 7 Amps

# **Specifications**

Contact Type: Crimp 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

Test voltage (kV rms) Contact-contact: 1.35

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Test voltage (kV rms) Contact-shell: 0.9

#### **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)

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]

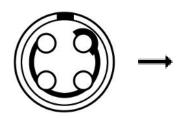
Shock Resistance: 300 g [ 3 ms]

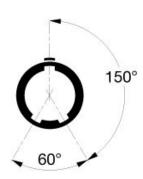
Lighting strike EIA 364-75: 10K amps - 6 times Thermal shock: 5 cycles: -65°C to +150°C

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**

	С	D	Е	Ls	Ls	Р	S1	S2	e
mm.	12.7	6.8	5	18.3	18.3	5.3	8.2	11	M9x0.6
in.	0,50	0,27	0,20	0,72	0,72	0,21	0,32	0,43	

# **RECOMMENDED BY LEMO**

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## **Tools**

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: <a href="DCE.91.070.3MVM">DCE.91.070.3MVM</a>
Extractor: <a href="DCF.93.070.4LT">DCF.93.070.4LT</a>
Replacement contact: <a href="EGN.0M.655.ZZM">EGN.0M.655.ZZM</a>

### **Cables**

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