

# EGN.MM.304.XLM

### **SUMMARY**

#### # Wires

Low voltage

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Image is for illustrative purpose only

Series	MM
Termination type	Female crimp
IP rating	68
AWG wire size	32.00 - 28.00
Cable Ø	2.80 - 5.60 mm
Status	active
Matching parts	FMN.MM.304.XLC

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## **TECHNICAL DETAILS**

### **Mechanics**

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Shell Style/Model	EG*: Fixed receptacle, nut fixing
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	2.91 g
Performance	
Configuration	MM.304 : 4 Low Voltage
Insulator	L: PEEK
Rated Current	2 Amps

### Specifications

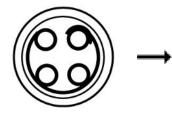
Contact Type: Crimp Contact Retention: 12 N Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in) Min. Conductor: 0.035 mm<sup>2</sup> (AWG 32) Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28) R (max): 8.7 mOhm

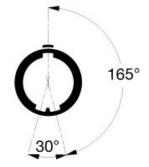
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### Others

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	E	Ls	Ls	Р	S1	S2	e
mm.	10.7	5.2	4.5	15	15	3.7	6.3	9	M7x0.5
in.	0,42	0,20	0,18	0,59	0,59	0,15	0,25	0,35	

### **RECOMMENDED BY LEMO**

### Tools

#### Crimp Tool:

#### DPC.91.701.V

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Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	DCE.91.050.0VM
Extractor:	DCF.91.050.2LT
Replacement contact:	EGG.00.654.ZZM

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