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EGN.MM.304.XLM

SUMMARY

Wires

Low voltage 4



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

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 mm² (AWG 32) Max. Conductor: 0.09 mm² (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]

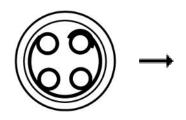
Shock Resistance: 300 g [3 ms]

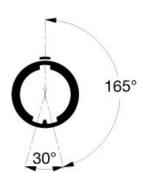
Lighting strike EIA 364-75: 10K amps - 6 times Thermal shock: 5 cycles: -65°C to +150°C

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	S 1	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

Cables

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