

SUMMARY

Wires

Low voltage	5
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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	PMT.0M.305.LLCS

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with arctic grip
Keying	3 keys (beta=135, gamma=90, plug: female contacts, receptacle: male contacts)
Housing Material	
Variant	S : Orange anodized
Weight	5.90 g

Performance

Configuration	0M.305 : 5 Low Voltage
Insulator	L: PEEK
Rated Current	6.5 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

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Test voltage (kV rms) Contact-contact: 1.25

Test voltage (kV rms) Contact-shell: 1

Others

Endurance (Shell): 3000 mating cycles

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]

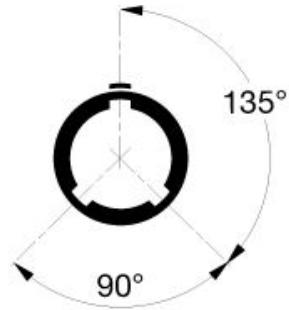
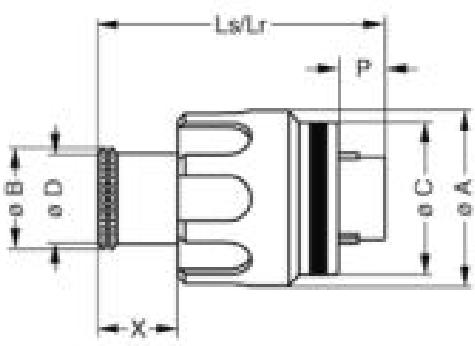
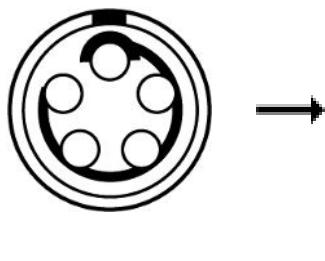
Shock Resistance: 300 g [3 ms]

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)

DRAWINGS



Dimensions

	A	B	C	D	Lr	Ls	P	X
mm.	14.4	8.8	12.7	8	24.1	24.1	3.9	6.7
in.	0,57	0,35	0,50	0,31	0,95	0,95	0,15	0,26

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: [DCE.91.070.3MVM](#)
Extractor: [DCF.93.070.4LT](#)
Replacement contact: EGN.0M.655.ZZM

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