

SUMMARY

Wires

Low voltage	5
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Image is for illustrative purpose only

Series	0M
Termination type	Male crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	4.00 - 8.00 mm
Status	active
Matching parts	FMS.0M.305.LLMR

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PM*: Free receptacle with knurled grip
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	
Variant	R : Red anodized
Weight	6.75 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]

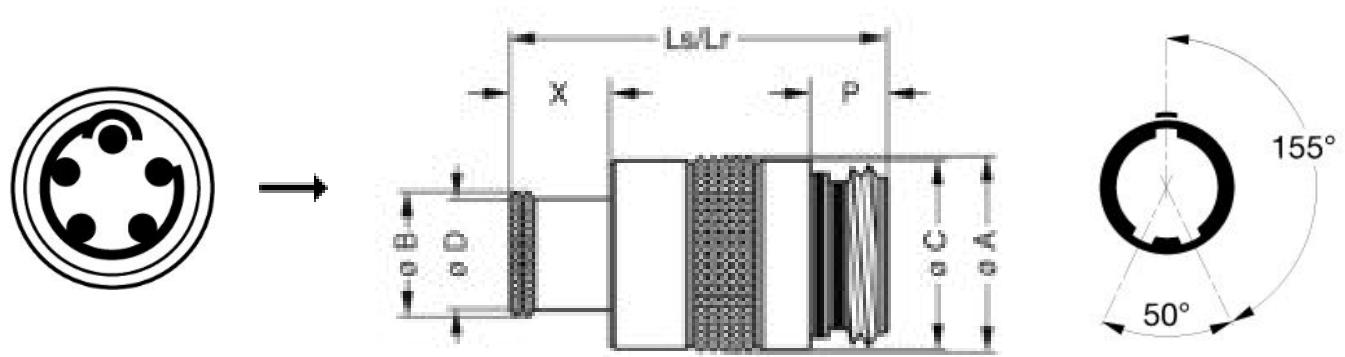
Shock Resistance: 300 g [3 ms]

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.	13.1	8.8	12.7	8	25.6	25.6	5.3	6.7
in.	0,52	0,35	0,50	0,31	1,01	1,01	0,21	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.91.070.5MVC](#)
Extractor: [DCF.93.070.4LT](#)
Replacement contact: FGN.0M.555.ZZC

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