

SUMMARY

Wires

Low voltage 5

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 [PMU.0M.305.LLMV](#)



Image is for illustrative purpose only

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[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug with arctic grip
Keying 3 keys (beta=130, gamma=100, plug: male contacts, receptacle: female contacts)
Housing Material
Variant V : Green anodized
Weight 5.83 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 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm

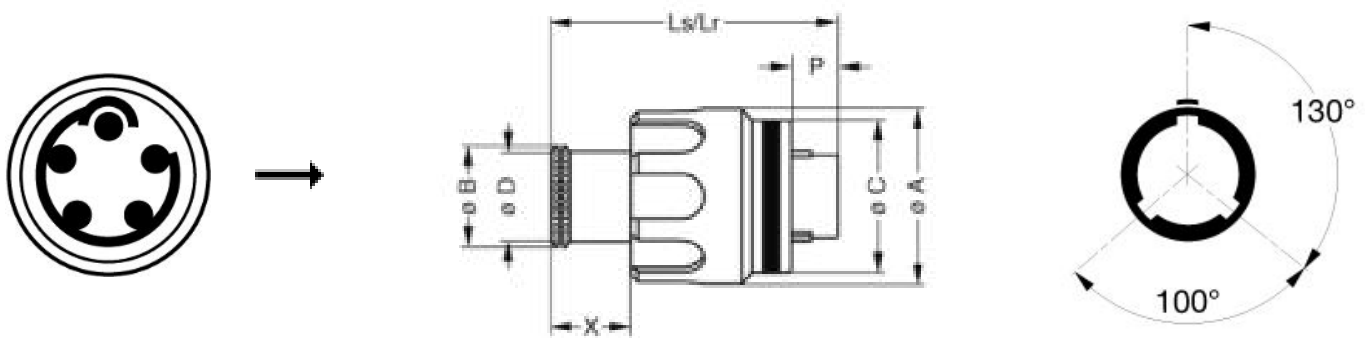
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Test voltage (kV rms) Contact-contact: 1.25
Test voltage (kV rms) Contact-shell: 1

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.91.070.5MVC](#)
Extractor: [DCF.93.070.4LT](#)
Replacement contact: FGN.0M.555.ZZC

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