

## SUMMARY

### # Wires

Low voltage 68



*Image is for illustrative purpose only*

Series LM  
Termination type Female crimp  
IP rating 68  
AWG wire size 26.00 - 22.00  
Cable Ø 11.35 - 22.70 mm  
Status active  
Matching parts [FMW.LM.368.XLC](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PM\*: Free receptacle with knurled grip  
Keying 5 keys (alpha=95, beta=115, gamma=35, delta=25, 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 36.23 g

### Performance

Configuration LM.368 : 68 (0.7 mm) Low Voltage  
Insulator L: PEEK  
Rated Current 2.5 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<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm

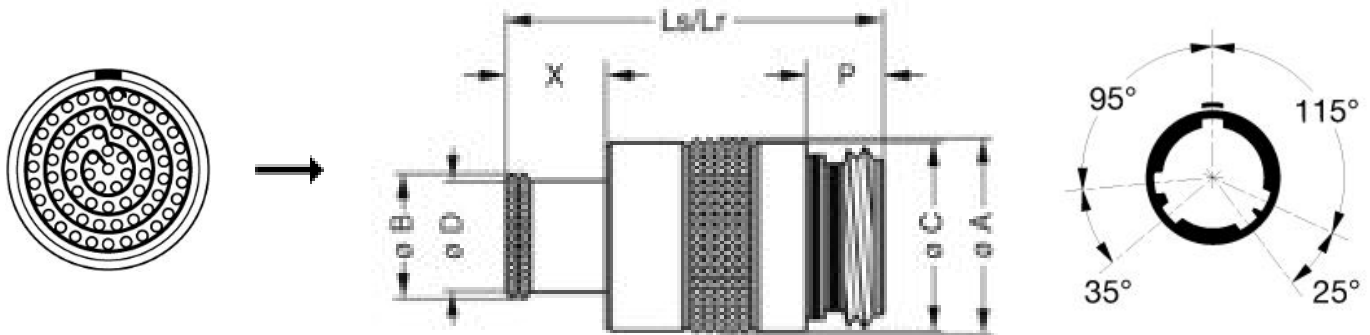
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Test voltage (kV rms) Contact-contact: 1.40  
 Test voltage (kV rms) Contact-shell: 1.65

## 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

	A	B	C	D	Lr	Ls	P	X
mm.	28.5	23.9	28	22.7	30.1	28.2	7.9	7.6
in.	1,12	0,94	1,10	0,89	1,19	1,11	0,31	0,30

## RECOMMENDED BY LEMO

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## Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 22-24-26/6-5-5  
Positionner: [DCE.91.07T.5MVM](#)  
Extractor: [DCF.93.070.4LT](#)  
Replacement contact: EGW.TM.655.ZZM

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