

## SUMMARY

### # Wires

Low voltage 68



*Image is for illustrative purpose only*

Series	LM
Termination type	Male crimp
IP rating	68
AWG wire size	32.00 - 28.00
Cable Ø	11.35 - 22.70 mm
Status	active
Matching parts	<a href="#">HEW.LM.368.XLNP</a>

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FM*: Straight plug, key (N) or keys (P, R, S, T, U, V, W and X) with knurled grip and mold stop
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	32.56 g

### Performance

Configuration	LM.368 : 68 (0.7 mm) Low Voltage
Insulator	L: PEEK
Rated Current	2.5 Amps

### Specifications

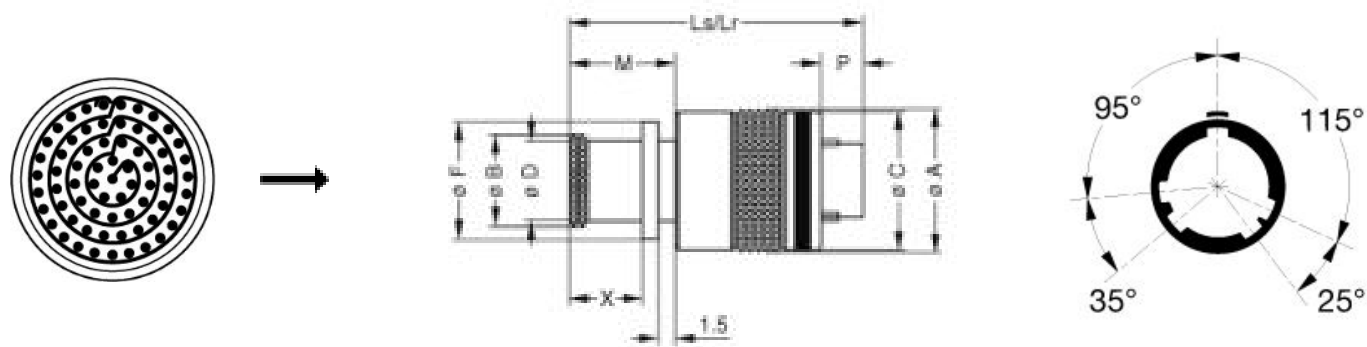
Contact Type: Crimp
Test voltage (kV rms) Contact-contact: 1.40
Test voltage (kV rms) Contact-shell: 1.65

### Others

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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	F	Lr	Ls	M	P	X
mm.	28.5	23.9	28	22.7	25.8	31.6	31.6	10.6	3.4	7.6
in.	1,12	0,94	1,10	0,89	1,02	1,24	1,24	0,42	0,13	0,30

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 28-30-32/4-3-3

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Positionner: [DCE.91.070.5MVC](#)  
Extractor: [DCF.93.070.4LT](#)  
Replacement contact: FGN.0M.556.ZZC

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