

SUMMARY

Wires

Low	68
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	LM
Termination type	Male crimp
IP rating	68
Cable Ø	11.35 - 22.70 mm
Matching parts	HEW.LM.368.XLNP
Status	active
Alternative part	



Image is for illustrative purpose only

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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	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 11.35 - 22.7 mm
Variant	

Performance

Configuration	
Insulator	
Rated Current	2.5 Amps

Specifications

Contact Type: Crimp

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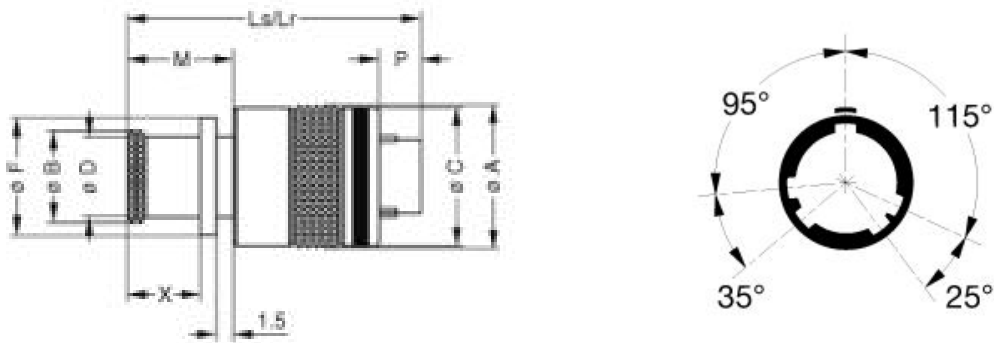
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.45 mm (0.018in)
Min. Conductor: 0.035 mm^2 (AWG 32)
Max. Conductor: 0.09 mm^2 (AWG 28)
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.40
Test voltage (kV rms) Contact-shell: 1.65

Others

Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Operating temperature: -55°C/ +200°C
Climatical Category: 15/200/21 (Al. shell)
Lighting strike EIA 364-75 10K amps - 6 times
EMI Shielding EIA 364-66A - 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
IP Rating: 68

DRAWINGS

Draws



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

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 28-30-32/4-3-3

Positionner: DCE.91.070.5MVC

Extractor: DCF.93.070.4LT

Replacement contact: FGN.0M.556.ZZC

Cables

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