

## SUMMARY

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	1M
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMP.1M.308.XLC
Status	active
Alternative part	



*Image is for illustrative purpose only*

### Download

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[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing for printed circuit, watertight
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 0 - 0 mm
Variant	P : Watertight
Weight	6.11 g

### Performance

Configuration	1M.308 : 8 Low Voltage
Insulator	
Rated Current	5.0 Amps

### Specifications

Contact Type: Print (straight)  
Max. Matings: 3000

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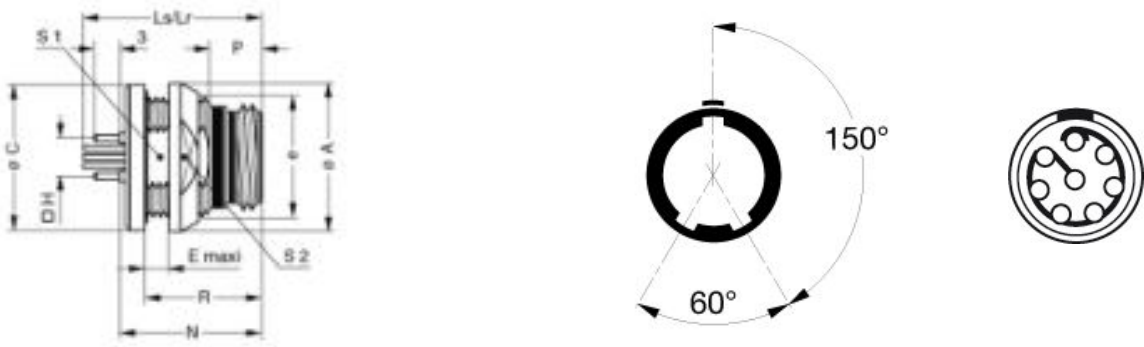
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Test voltage (kV rms) Contact-contact: 1.3  
Test voltage (kV rms) Contact-shell: 1.1

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: -20°C/ +80°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	C	E	H	Lr	Ls	N	P	R	S1	S2	e
mm.	18	17.8	5	7.62	21	20.8	16.8	5.3	13.8	12.5	16	M14x1.00
in.	0,71	0,70	0,20	0,30	0,83	0,82	0,66	0,21	0,54	0,49	0,63	

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCM.65.000.4PA

## Cables

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