

SUMMARY

Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0M
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMP.0M.305.XLC
Status	active
Alternative part	



Image is for illustrative purpose only

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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	7.99 g

Performance

Configuration	0M.305 : 5 Low Voltage
Insulator	
Rated Current	6.5 Amps

Specifications

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

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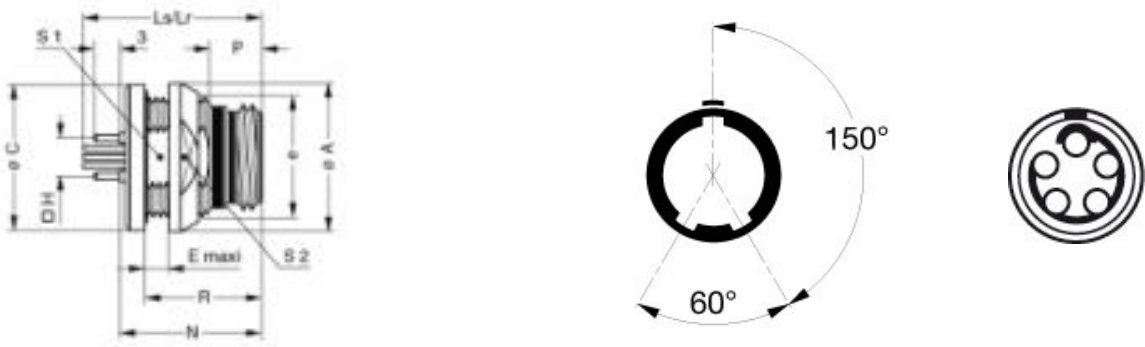
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.25
Test voltage (kV rms) Contact-shell: 1

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.	17	16.8	5	5.08	21	20.8	16.8	5.3	13.8	11.5	14	M13x0.75
in.	0,67	0,66	0,20	0,20	0,83	0,82	0,66	0,21	0,54	0,45	0,55	

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCM.65.000.4PA

Cables

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