

SUMMARY



Wires

Low	19
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	2M
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMP.2M.319.XLC

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- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ED*: Fixed receptacle with square flange for printed circuit
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	

Performance

Configuration	2M.319 : 19 Low Voltage
Insulator	
Rated Current	5 Amps

Specifications

Contact Type:	Print (straight)
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
R (max):	6.1 mOhm
Test voltage (kV rms) Contact-contact:	1.55
Test voltage (kV rms) Contact-shell:	0.95

Others

Humidity (max): $\leq 95\%$ [at 60 deg C / 140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Operating temperature: $-55^{\circ}\text{C} / +200^{\circ}\text{C}$

Climatical Category: 15/200/21 (Al. shell)

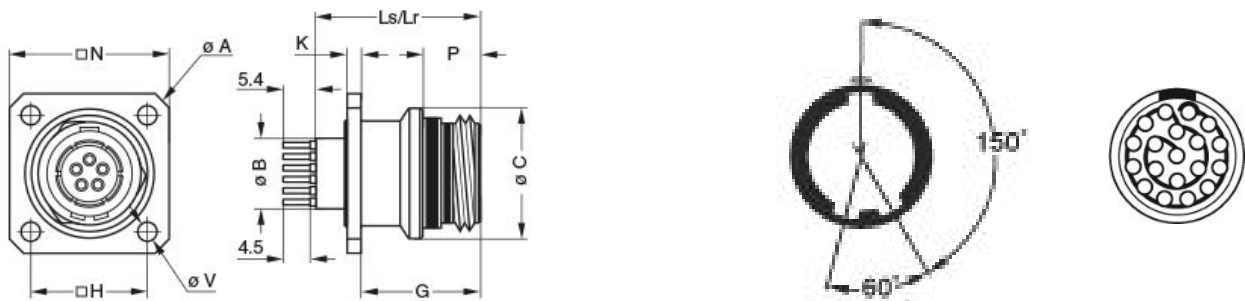
Lighting strike EIA 364-75 10K amps - 6 times

EMI Shielding EIA 364-66A - 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB

IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	C	G	H	K	Lr	Ls	N	P	SV
mm.	26.9	8.95	17.2	12.8	15.1	1.5	18.3	18.3	20.6	5.3	3.3
in.	1,06	0,35	0,68	0,50	0,59	0,06	0,72	0,72	0,81	0,21	0,13

RECOMMENDED BY LEMO

Tools

None

Cables