

SUMMARY



Image is for illustrative purpose only

Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	2M
Termination type	Male print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	FMS.2M.310.XLM

TECHNICAL DETAILS

Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing for printed circuit, watertight
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Variant	P : Watertight
Weight	9.53 g

Performance

Configuration	2M.310 : 10 Low Voltage
Insulator	L: PEEK
Rated Current	8 Amps

Specifications

Contact Type: Print (straight)
Test voltage (kV rms) Contact-contact: 1.8
Test voltage (kV rms) Contact-shell: 1.2

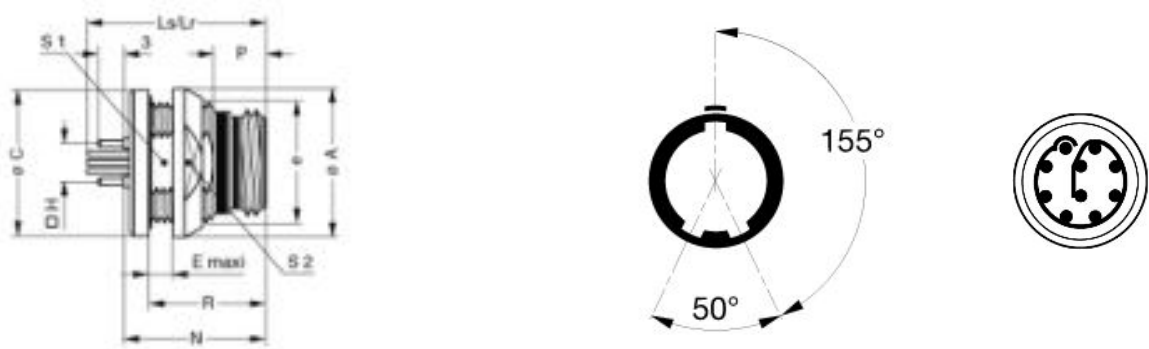
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Others

Endurance (Shell): 3000 mating cycles
 Temp (min / max): -20°C / +80°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
 IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	C	E	H	Lr	Ls	N	P	R	S1	S2	e
mm.	21	20.8	5	8.89	21	20.8	16.8	5.3	13.8	15.5	18	M17x1.00
in.	0,83	0,82	0,20	0,35	0,83	0,82	0,66	0,21	0,54	0,61	0,71	

RECOMMENDED BY LEMO

Tools

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Spanner: DCH.91.181.PA
Spanner wrench: DCM.65.000.4PA

Cables

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