

SUMMARY

Wires

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



Image is for illustrative purpose only

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Series	2M
Termination type	Female crimp
IP rating	68
Cable Ø	6.50 - 13.00 mm
Matching parts	PMT.2M.310.XLCT
Status	active
Alternative part	

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	3 keys (beta=135, gamma=90, plug: female contacts, receptacle: male contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 6.5 - 13 mm
Variant	
Weight	10.00 g

Performance

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

Specifications

Contact Type: Crimp

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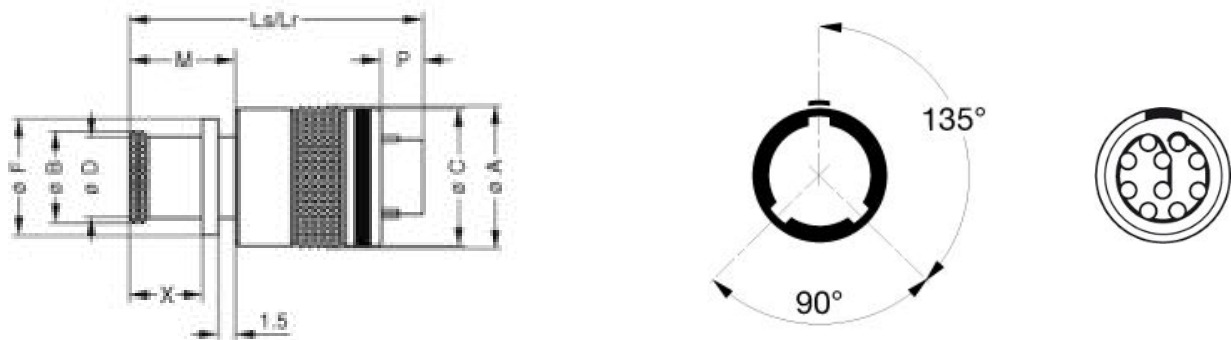
Max. Matings: 3000
 Contact Retention: 30 N
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.1 mm (0.043in)
 Min. Conductor: 0.25 mm² (AWG 24)
 Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Test voltage (kV rms) Contact-contact: 1.8
 Test voltage (kV rms) Contact-shell: 1.2

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.	17.6	14	17.2	13	15.5	27.5	27.5	10.1	3.9	7.1
in.	0,69	0,55	0,68	0,51	0,61	1,08	1,08	0,40	0,15	0,28

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.090.3MVM

Extractor: DCF.93.090.4LT

Replacement contact: EGN.0M.660.ZZM

Cables

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