

SUMMARY

Wires

Low	12
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	2M
Termination type	Male crimp
IP rating	68
Cable Ø	6.50 - 13.00 mm
Matching parts	FMS.2M.312.XLMT
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PM*: Free receptacle with knurled grip and mold stop
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
Cable Fixing	∅ 6.5 - 13 mm
Variant	

Performance

Configuration	2M.312 : 12 Low Voltage
Insulator	
Rated Current	7 Amps

Specifications

Contact Type: Crimp
Max. Matings: 3000

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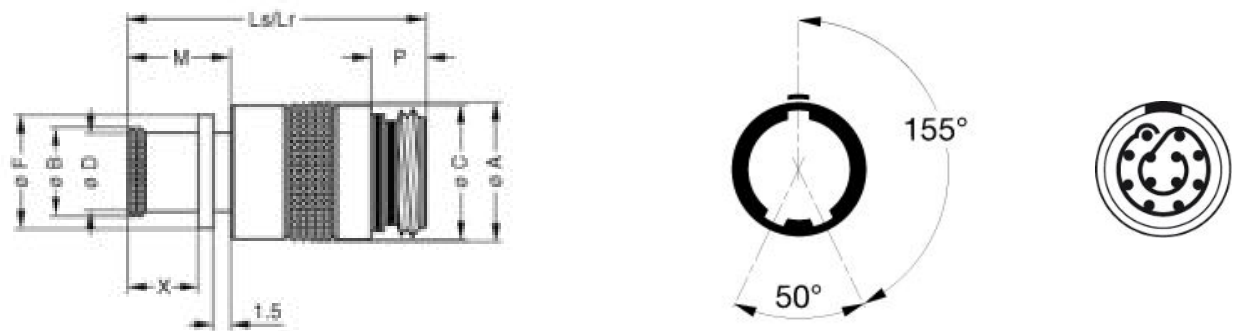
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.65
Test voltage (kV rms) Contact-shell: 1.15

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	29	29	10.1	5.3	7.1
in.	0,69	0,55	0,68	0,51	0,61	1,14	1,14	0,40	0,21	0,28

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.070.5MVC

Extractor: DCF.93.070.4LT

Replacement contact: FGN.0M.555.ZZC

Cables

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