

SUMMARY

Wires

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



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Series	2M
Termination type	Female crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMN.2M.310.XLCM
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PF*: Fixed receptacle with square flange, with MIL-DTL-38999L shell thread
Keying	3 keys (beta=165, gamma=30, 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	
Weight	11.21 g

Performance

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

Specifications

Contact Type: Crimp
Max. Matings: 3000

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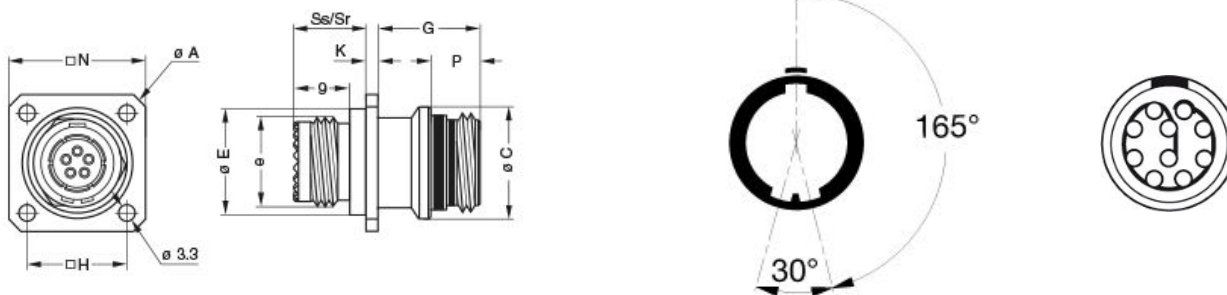
Contact Retention: 30 N
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.1 mm (0.043in)
 Min. Conductor: 0.25 mm² (AWG 24)
 Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Test voltage (kV rms) Contact-contact: 1.8
 Test voltage (kV rms) Contact-shell: 1.2

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	C	E	G	H	K	N	Sr	Ss	e
mm.	26.9	17.2	15.5	12.8	15.1	1.5	20.6	12.2	12.2	M15x1.0
in.	1,06	0,68	0,61	0,50	0,59	0,06	0,81	0,48	0,48	

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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

CMN.10.T22.068QGC			
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