

SUMMARY



Image is for illustrative purpose only

Wires

Low	19
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	FGP.2M.319.XLCM
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PE*: Fixed receptacle, nut fixing with MIL-DTL38999L shell thread
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	
Weight	13.95 g

Performance

Configuration	2M.319 : 19 Low Voltage
Insulator	
Rated Current	4 Amps

Specifications

Contact Type: Crimp
Max. Matings: 3000

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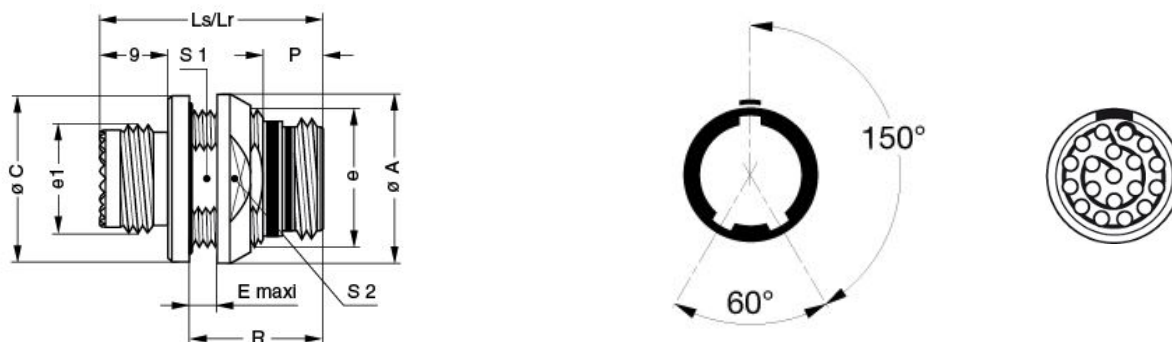
Contact Retention: 22 N
 Contact Dia.: 0.7 mm (0.028in)
 Bucket Dia.: 0.8 mm (0.031in)
 Min. Conductor: 0.14 mm² (AWG 26)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Test voltage (kV rms) Contact-contact: 1.2
 Test voltage (kV rms) Contact-shell: 0.95

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	Lr	Ls	R	S1	S2	e	e1
mm.	21	20.8	5	26.4	26.4	13.8	15.5	18	M17x1.0	M15x1.0
in.	0,83	0,82	0,20	1,04	1,04	0,54	0,61	0,71		

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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.91.070.3MVM

Extractor: DCF.93.070.4LT

Replacement contact: EGN.0M.655.ZZM

Spanner wrench: DCM.65.000.4PA

Cables

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