

## 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	
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	

### Performance

Configuration	2M.319 : 19 Low Voltage
Insulator	
Rated Current	5 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)

Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.55  
 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		

## 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