

## SUMMARY



### # Wires

Low	19
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	2M
Termination type	Male crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMT.2M.319.XLMT

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle with arctic grip and mold stop
Keying	
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

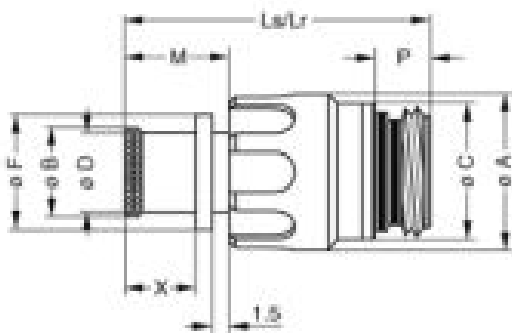
## Others

Humidity (max):  $\leq 95\%$  [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Operating temperature:  $-55^{\circ}\text{C} / +200^{\circ}\text{C}$   
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

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## DRAWINGS

### Draws



### Dimensions

	A	B	C	D	F	Lr	Ls	M	P	X
mm.	18.9	14	17.2	13	15.5	29	29	10.1	5.3	7.1
in.	0,74	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