

## SUMMARY

### # Wires

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

Series	2M
Termination type	Female crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMP.2M.319.XLCT



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## TECHNICAL DETAILS

### Mechanics

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

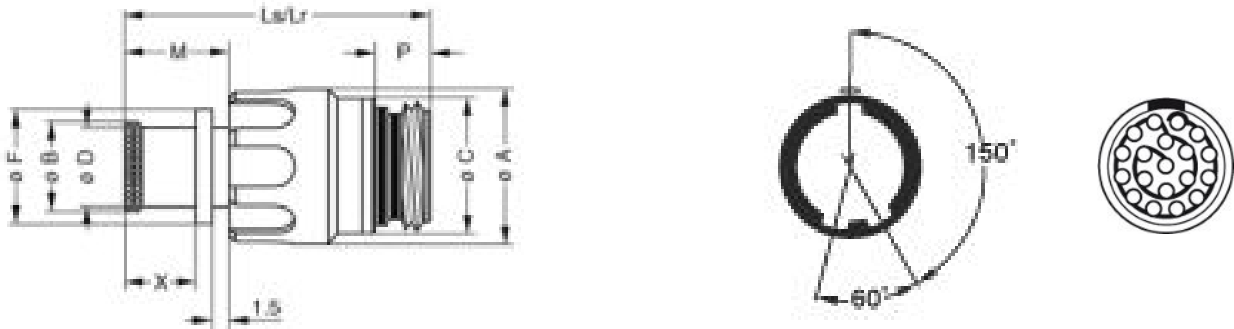
R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.55  
 Test voltage (kV rms) Contact-shell: 0.95

## 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	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

# 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

## Cables