

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

|                  |                  |
|------------------|------------------|
| Series           | 2M               |
| Termination type | Female print PCB |
| IP rating        | 68               |
| Cable Ø          | 0.00 - 0.00 mm   |
| Matching parts   | FMU.2M.319.XLC   |
| Status           | active           |
| Alternative part |                  |

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [Catalog](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | HE*: Fixed receptacle, nut fixing for printed circuit, watertight   |
| Keying            | 3 keys (beta=130, gamma=100, 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           | P : Watertight  |
| Weight            | 10.61 g   |

### Performance

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

### Specifications

Contact Type: Print (straight)  
Max. Matings: 3000

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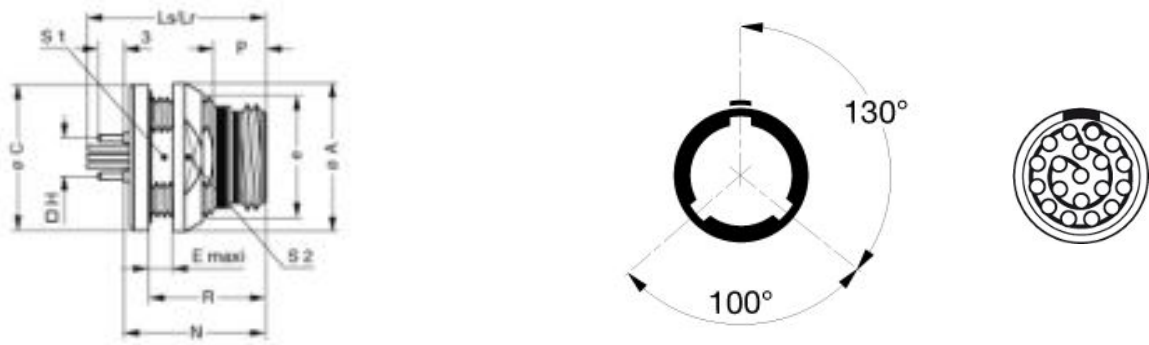
Contact Dia.: 0.7 mm (0.028in)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.20  
 Test voltage (kV rms) Contact-shell: 1.00

## 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: -20°C / +80°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    | H    | Lr   | Ls   | N    | P    | R    | S1   | S2   | e        |
|-----|------|------|------|------|------|------|------|------|------|------|------|----------|
| mm. | 21   | 20.8 | 5    | 8.89 | 21   | 20.8 | 16.8 | 5.3  | 13.8 | 15.5 | 18   | M17x1.00 |
| in. | 0,83 | 0,82 | 0,20 | 0,35 | 0,83 | 0,82 | 0,66 | 0,21 | 0,54 | 0,61 | 0,71 |          |

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: DCM.65.000.4PA

## Cables

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