

SUMMARY

Wires

| | |
|---------|----|
| Low | 10 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

| | |
|------------------|-----------------|
| Series | 2M |
| Termination type | Female crimp |
| IP rating | 68 |
| Cable Ø | 6.50 - 13.00 mm |
| Matching parts | FMN.2M.310.XLCT |
| Status | active |
| Alternative part | |



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PF*: Fixed receptacle with square flange, with mold stop |
| Keying | 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts) |
| Housing Material | Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass |
| Cable Fixing | ∅ 6.5 - 13 mm |
| Variant | |
| Weight | 11.21 g |

Performance

| | |
|---------------|-------------------------|
| Configuration | 2M.310 : 10 Low Voltage |
| Insulator | |
| Rated Current | 8 Amps |

Specifications

Contact Type: Crimp
Max. Matings: 3000

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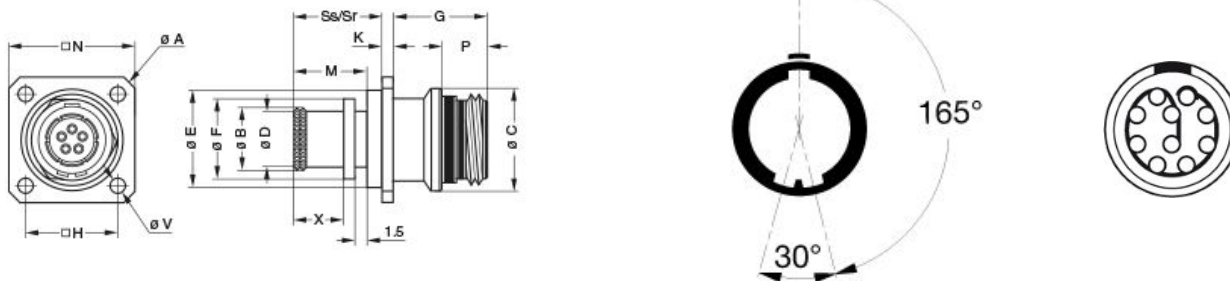
Contact Retention: 30 N
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.1 mm (0.043in)
 Min. Conductor: 0.25 mm² (AWG 24)
 Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Test voltage (kV rms) Contact-contact: 1.8
 Test voltage (kV rms) Contact-shell: 1.2

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 | E | F | G | H | K | N | Sr | Ss | V |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| mm. | 26.9 | 14 | 17.2 | 13 | 15.5 | 15.5 | 12.8 | 15.1 | 1.5 | 20.6 | 11.7 | 11.7 | 3.3 |
| in. | 1,06 | 0,55 | 0,68 | 0,51 | 0,61 | 0,61 | 0,50 | 0,59 | 0,06 | 0,81 | 0,46 | 0,46 | 0,13 |

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.090.3MVM

Extractor: DCF.93.090.4LT

Replacement contact: EGN.0M.660.ZZM

Cables

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