

SUMMARY



Wires

| | |
|---------|----|
| Low | 12 |
| 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.312.XLM |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ED*: Fixed receptacle with square flange |
| 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.312 : 12 Low Voltage |
| Insulator | |
| Rated Current | 7 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 ² (AWG 26) |
| Max. Conductor: 0.34 mm ² (AWG 22) |
| R (max): 6.1 mOhm |

Test voltage (kV rms) Contact-contact: 1.65

Test voltage (kV rms) Contact-shell: 1.15

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)

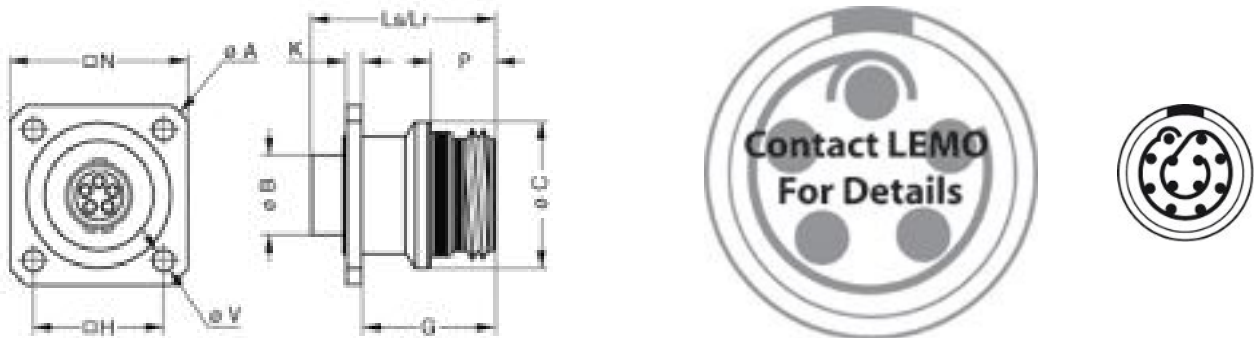
Lighting strike EIA 364-75 10K amps - 6 times

EMI Shielding EIA 364-66A - 1Ghz-80 dB, 3GHz-70 dB, 6GHz- 58dB

IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | B | C | G | H | K | Lr | Ls | N | P | V |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| mm. | 26.9 | 8.95 | 17.2 | 12.8 | 15.1 | 1.5 | 18.1 | 18.1 | 20.6 | 5.3 | 3.3 |
| in. | 1,06 | 0,35 | 0,68 | 0,50 | 0,59 | 0,06 | 0,71 | 0,71 | 0,81 | 0,21 | 0,13 |

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

| | | | |
|--------------------|---------------|-------|---|
| CMN.12.T22.070PGCE | PVC | GREY |  |
| CMN.12.T22.070PGZE | | Grey |  |
| CMN.12.T22.070PNCE | PVC | Black |  |
| CMN.12.T22.070PNZE | | |  |
| CMN.12.T22.070QGZE | TPR (medical) | Grey |  |
| CMN.12.T28.054PGCE | PVC | GREY |  |
| CMN.12.T28.054PGZE | | Grey |  |
| CMN.12.T28.054PNCE | PVC | Black |  |
| CMN.12.T28.054PNZE | | |  |
| CMN.6T.T22.096PN6Y | | | |
| 012 050 | PVC | Black |  |
| 112 240 | PTFE | White |  |
| 112 260 | PTFE | White |  |
| 112 280 | PVC | Black |  |
| 124 080 | PVC | Grey | |
| 124 084 | PVC | Black | |
| 212 220 | PVC | Black |  |
| 212 240 | PVC | Black |  |
| 212 250 | PVC | Grey |  |
| 212 260 | PVC | Black |  |