

SUMMARY



Wires

| | |
|---------|---|
| Low | 8 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

Download

[Request a quote](#)

[Catalog](#)

| | |
|------------------|----------------|
| Series | 2M |
| Termination type | Male crimp |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FMT.2M.308.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.308 : 8 Low Voltage |
| Insulator | |
| Rated Current | 10 Amps |

Specifications

| |
|---|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 30 N |
| Contact Dia.: 0.9 mm (0.035in) |
| Bucket Dia.: 1.1 mm (0.043in) |
| Min. Conductor: 0.25 mm ² (AWG 24) |
| Max. Conductor: 0.5 mm ² (AWG 20) |
| R (max): 4.8 mOhm |

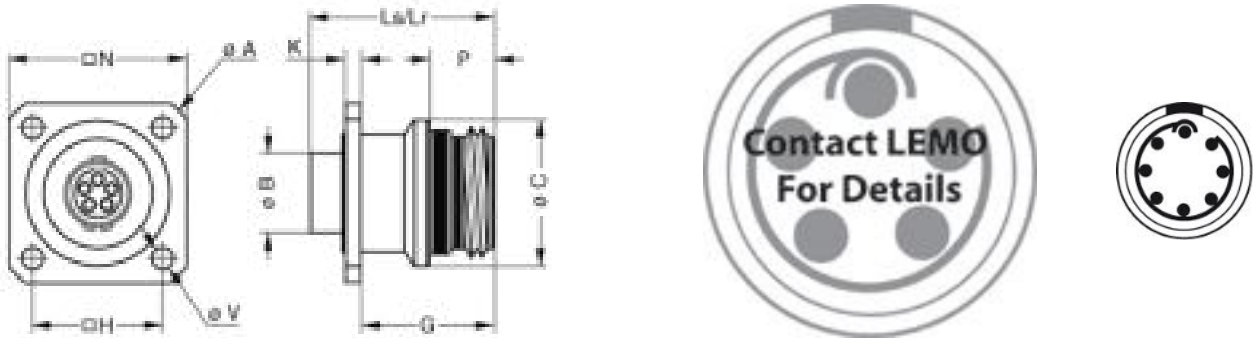
Test voltage (kV rms) Contact-contact: 1.95
Test voltage (kV rms) Contact-shell: 1.1

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 = 20-22-24/6-5-5
Positionner: DCE.91.090.5MVC
Extractor: DCF.93.090.4LT
Replacement contact: FGN.0M.560.ZZC

Cables

| | | | |
|--------------------|---------------|--------|---|
| CMN.08.T20.067PGCE | PVC | GREY |  |
| CMN.08.T20.067PGZE | | Grey |  |
| CMN.08.T20.067PNCE | PVC | Black |  |
| CMN.08.T20.067PNZE | | |  |
| CMN.08.T22.059PGCE | PVC | GREY |  |
| CMN.08.T22.059PGZE | | Grey |  |
| CMN.08.T22.059PNCE | PVC | Black |  |
| CMN.08.T22.059PNZE | | |  |
| CMN.08.T22.059QGC | TPR | Grey | |
| CMN.08.T22.059QGZE | TPR (medical) | Grey |  |
| CMN.08.T26.042QGZE | TPR (medical) | Grey |  |
| 008 050 | PVC | Black |  |
| 008 280 | PVC | Black |  |
| 016 080 | PVC | Grey | |
| 042 265 | PVC | Yellow | |
| 080 140 | PVC | Grey |  |
| 108 220 | PVC | Black |  |
| 108 240 | PTFE | White |  |
| 108 260 | PTFE | White |  |
| 180 240 | PVC | Black |  |
| 180 260 | PVC | Black |  |
| 208 200 | PVC | Black |  |
| 280 250 | PVC | Grey |  |
| 335 990 | PVC | Black |  |
| 335 991 | PVC | Black |  |
| 380 500 | PVC | Grey |  |
| 380 750 | PVC | Grey |  |