

SUMMARY

Wires

| | |
|---------|---|
| Low | 7 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|----------------|
| Series | 1M |
| Termination type | Female crimp |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FMN.1M.307.XLC |
| Status | |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing |
| 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 | ∅ 0 - 0 mm |
| Variant | |

Performance

| | |
|---------------|------------------------|
| Configuration | 1M.307 : 7 Low Voltage |
| Insulator | |
| Rated Current | 7.0 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 mm² (AWG 26)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Test voltage (kV rms) Contact-contact: 1.45
 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

| | C | D | E | Ls | Ls | P | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 14.2 | 6.8 | 4.5 | 18.3 | 18.3 | 5.3 | 9.5 | 13 | M11x1.0 |
| in. | 0,56 | 0,27 | 0,18 | 0,72 | 0,72 | 0,21 | 0,37 | 0,51 | |

















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

| | | | |
|--------------------|---------------|-------|--|
| CMN.07.S34.027JGC | | |  |
| CMN.07.T22.055PGCE | PVC | GREY |  |
| CMN.07.T22.055PGZE | | Grey |  |
| CMN.07.T22.055PNCE | PVC | Black |  |
| CMN.07.T22.055PNZE | | |  |
| CMN.07.T26.037QGZE | TPR (medical) | Grey |  |
| CMN.07.T28.044PGCE | PVC | GREY |  |
| CMN.07.T28.044PGZE | | Grey |  |
| CMN.07.T28.044PNCE | PVC | Black |  |
| CMN.07.T28.044PNZE | | |  |
| 007 041 | PVC | Grey |  |
| 007 050 | PVC | Black |  |
| 070 140 | PVC | Grey |  |
| 270 250 | PVC | Grey |  |
| 717 920 | PVC | Grey |  |
| CTR.75.030.121875G | PVC | Grey |  |