

SUMMARY



Wires

| | |
|---------|---|
| Low | 4 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|-------------------|
| Series | 1B |
| Termination type | Female solder |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.1B.304.CLAD62 |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EC*: Fixed receptacle with two nuts (back panel mounting) |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅0 - 0 mm |
| Variant | |

Performance

| | |
|---------------|--|
| Configuration | 1B.304 : 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 10 Amps |

Specifications

| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 0.9 mm (0.035in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 4.8 mOhm |
| Vtest (contact-shell): | 1450 V (AC), 2050 V (DC) |

Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Temp (min / max): -55° C / +250° C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 16 | 16 | 6 | 23 | 3.5 | 21.1 | 10.5 | 14 | M12x1.0 |
| in. | 0,63 | 0,63 | 0,24 | 0,91 | 0,14 | 0,83 | 0,41 | 0,55 | |

RECOMMENDED BY LEMO

Tools

Spanner 2: DCH.91.161.PA

Cables











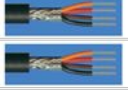
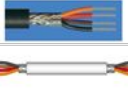
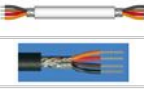


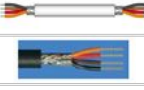

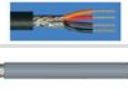



CMN.04.T22.047PGCE

PVC

GREY



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| | | | |
|--------------------|---------------|-------|---|
| CMN.04.T22.047PGZE | | Grey |  |
| CMN.04.T22.047PNCE | PVC | Black |  |
| CMN.04.T22.047PNZE | | |  |
| CMN.04.T22.047QGC | TPR | Grey | |
| CMN.04.T22.048QGZE | TPR (medical) | Grey |  |
| CMN.04.T28.031PGCE | PVC | GREY |  |
| CMN.04.T28.031PGZE | | Grey |  |
| CMN.04.T28.031PNCE | PVC | Black |  |
| CMN.04.T28.031PNZE | | |  |
| CMN.04.T28.031QGC | TPR | Grey | |
| 004 041 | PVC | Grey |  |
| 004 050 | PVC | Black |  |
| 004 080 | PVC | Grey | |
| 004 220 | PVC | Black |  |
| 004 221 | PVC | Black |  |
| 004 260 | PTFE | White |  |
| 004 280 | PVC | Black |  |
| 040 080 | PVC | Black | |
| 040 086 | PVC | Blue | |
| 040 140 | PVC | Black |  |
| 040 240 | PTFE | White |  |
| 040 260 | PVC | Black |  |
| 080 080 | PVC | Grey | |
| 080 082 | PVC | Red | |
| 080 084 | PVC | Black | |
| 140 240 | PVC | Black |  |
| 140 250 | PVC | Grey |  |
| 417 920 | PVC | Grey |  |
| CTR.75.030.121870G | PVC | Grey |  |