

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 3 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|-------------------|
| Series | 2K |
| Termination type | Male solder |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | PHG.2K.303.CLLC50 |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FA*: Fixed plug, non-latching, nut fixing |
| 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 | |
| Weight | 40.82 g |

Performance

| | |
|---------------|--|
| Configuration | 2K.303 : 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 17 Amps |

Specifications

| | |
|---------------|------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 1.6 mm (0.063in) |

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Bucket Dia.: 1.4 mm (0.055in)
 Max. Solid Conductor: 1 mm² (AWG 16)
 Max. Stranded Conductor: 1 mm² (AWG 18)
 R (max): 3.5 mOhm
 Vtest (contact-shell): 1850 V (AC), 2600 V (DC)
 Vtest (contact-contact): 2400 V (AC), 3390 V (DC)

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 25 | 27.5 | 4.5 | 33.6 | 18 | 28.3 | 18.5 | 24 | M20x1.0 |
| in. | 0,98 | 1,08 | 0,18 | 1,32 | 0,71 | 1,11 | 0,73 | 0,94 | |


























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RECOMMENDED BY LEMO

Tools

None

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.03.B12.113PLZ | | | |
| CMN.03.T18.055PGCE | PVC | GREY |  |
| CMN.03.T18.055PGZE | | Grey |  |
| CMN.03.T18.055PNCE | PVC | Black |  |
| CMN.03.T18.055PNZE | | |  |
| CMN.03.T18.055QGZE | TPR (medical) | Grey |  |
| CMN.03.T20.049PGCE | PVC | GREY |  |
| CMN.03.T20.049PGZE | | Grey |  |
| CMN.03.T20.049PNCE | PVC | Black |  |
| CMN.03.T20.049PNZE | | |  |
| CMN.03.T22.049PGCE | PVC | GREY |  |
| CMN.03.T22.049PGZE | | Grey |  |
| CMN.03.T22.049PNCE | PVC | Black |  |
| CMN.03.T22.049PNZE | | |  |
| CMN.03.T28.031PGCE | PVC | GREY |  |
| CMN.03.T28.031PGZE | | Grey |  |
| CMN.03.T28.031PNCE | PVC | Black |  |
| CMN.03.T28.031PNZE | | |  |
| 003 041 | PVC | Grey |  |
| 003 050 | PVC | Black |  |
| 003 081 | PVC | Black | |
| 003 220 | PVC | Black |  |
| 003 280 | PVC | Black |  |
| 030 110 | PVC | Grey |  |
| 030 141 | PVC | Grey |  |
| 030 200 | PVC | Black |  |
| 030 260 | PVC | Black |  |
| 060 080 | PVC | Grey | |
| 130 240 | PVC | Black |  |
| 130 250 | PVC | Grey |  |
| 230 500 | PVC | Grey |  |
| 230 750 | PVC | Grey |  |

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