

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 2 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|-------------------|
| Series | 0K |
| Termination type | Female solder |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.0K.302.CLAC20 |
| Status | |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (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 | P : Watertight |

Performance

| | |
|---------------|--|
| Configuration | 0K.302 : 2 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): 1050 V (AC), 1490 V (DC)
 Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -20°C / +100°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: >144 hr
 Climatical Category: 20/80/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 Pressure: 60 bars
 IP Rating: 68

DRAWINGS

Draws



Dimensions


































| | A | B | E | L | M | P | S1 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 18 | 18 | 2.4 | 22.5 | 3.5 | 7 | 12.5 | M14x1.0 |
| in. | 0,71 | 0,71 | 0,09 | 0,89 | 0,14 | 0,28 | 0,49 | |

RECOMMENDED BY LEMO

Tools

None

Cables

| | | | |
|--------------------|------|--------|---|
| CFN.3K.93C.092PNCA | PVC | Black |  |
| CFN.3K.93C.092PNCS | PVC | Black |  |
| CFN.3K.93C.160PNCA | PVC | Black |  |
| CFN.3K.93C.160PNCS | PVC | Black |  |
| CMN.02.T22.047PGCE | PVC | GREY |  |
| CMN.02.T22.047PGZE | | Grey |  |
| CMN.02.T22.047PNCE | PVC | Black |  |
| CMN.02.T22.047PNZE | | |  |
| CMN.02.T28.030PGCE | PVC | GREY |  |
| CMN.02.T28.030PGZE | | Grey |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE | | |  |
| 002 050 | PVC | Black |  |
| 002 080 | PVC | Grey | |
| 002 221 | PVC | Black |  |
| 002 260 | PTFE | White |  |
| 002 280 | PVC | Black |  |
| 004 082 | PVC | Grey | |
| 020 140 | PVC | Grey |  |
| 020 140 | PVC | Grey |  |
| 020 141 | PVC | Grey |  |
| 020 142 | PVC | Red |  |
| 020 143 | PVC | Green |  |
| 020 144 | PVC | Black |  |
| 020 145 | PVC | Yellow |  |
| 020 146 | PVC | Black |  |
| 020 240 | PTFE | White |  |
| 020 260 | PVC | Black |  |
| 020 264 | PVC | Black |  |
| 020 266 | PVC | Violet |  |
| 020 550 | PUR | Black |  |
| 020 560 | PUR | White |  |
| 102 080 | PVC | Grey | |
| 120 184 | PVC | Black |  |
| 120 240 | PVC | Black |  |
| 120 250 | PVC | Grey |  |
| CCX.50.RG1.74U30B | TFE | White | |
| CMB.02.210.635 | PUR | Black | |

