

SUMMARY

Wires

| | |
|---------|---|
| Low | 2 |
| High | 0 |
| Coax | 3 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|---------------------------|
| Series | 3K |
| Termination type | Mixed coaxial/ Multi coax |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.3K.862.CLCC101 |
| Status | |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, 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 | |

Performance

| | |
|---------------|--|
| Configuration | 3K.862 : 3 Coax (50 Ohm), 2 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 9 Amps |

Specifications

| | |
|-----------------|-------------------------------|
| Contact Type: | Coaxial 50 Ohm (Crimp) Type C |
| Max. Matings: | 5000 |
| Contact Dia.: | 0.7 mm (0.03in) |
| Min. Conductor: | 0.34 mm ² (AWG 22) |
| Max. Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 5.8 mOhm |

Test voltage (kV rms): 1.1
Test voltage (kV dc): 1.6
Cable type: RG 178 B/U, RG 196 A/U

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. | 31 | 34.5 | 11 | 36.2 | 6 | 33.6 | 22.5 | 30 | M24x1.0 |
| in. | 1,22 | 1,36 | 0,43 | 1,43 | 0,24 | 1,32 | 0,89 | 1,18 | |





RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.093.BVM
Extractor: DCC.91.393.4LT
Coax Tool: -
Die Tool: DPE.99.103.1K
Replacement contact: EGG.3B.660.ZZM

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 |  |
| CCX.50.RG1.74U30B | TFE | White | |