

SUMMARY

Wires

| | |
|---------|---|
| Low | 6 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|-------------------|
| Series | 4K |
| Termination type | Male solder |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGL.4K.306.CLLC15 |
| Status | |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing |
| Keying | 2 keys (gamma=75, plug: female contacts, receptacle: male 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 | 4K.306 : 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 24 Amps |

Specifications

| | |
|--------------------------|------------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 2 mm (0.079in) |
| Bucket Dia.: | 1.8 mm (0.071in) |
| Max. Solid Conductor: | 1.5 mm ² (AWG 14) |
| Max. Stranded Conductor: | 1.5 mm ² (AWG 16) |

R (max): 3.3 mOhm
 Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
 Vtest (contact-contact): 2000 V (AC), 2850 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
 Climatological 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. | 37 | 41.5 | 9 | 40.2 | 6.5 | 38.6 | 28.5 | 36 | M30x1.0 |
| in. | 1,46 | 1,63 | 0,35 | 1,58 | 0,26 | 1,52 | 1,12 | 1,42 | |

RECOMMENDED BY LEMO

Tools

None

Cables

| | | | |
|--------------------|---------------|-------|--|
| CMN.06.T18.070PGCE | PVC | GREY |  |
| CMN.06.T18.070PGZE | | Grey |  |
| CMN.06.T18.070PNCE | PVC | Black |  |
| CMN.06.T18.070PNZE | | |  |
| CMN.06.T20.062PGCE | PVC | GREY |  |
| CMN.06.T20.062PGZE | | Grey |  |
| CMN.06.T20.062PNCE | PVC | Black |  |
| CMN.06.T20.062PNZE | | |  |
| CMN.06.T20.062QGZE | TPR (medical) | Grey |  |
| CMN.06.T22.055PGCE | PVC | GREY |  |
| CMN.06.T22.055PGZE | | Grey |  |
| CMN.06.T22.055PNCE | PVC | Black |  |
| CMN.06.T22.055PNZE | | |  |
| CMN.06.T26.037QGZE | TPR (medical) | Grey |  |
| CMN.06.T28.031PGCE | PVC | GREY |  |
| CMN.06.T28.031PGZE | | Grey |  |
| CMN.06.T28.031PNCE | PVC | Black |  |
| CMN.06.T28.031PNZE | | |  |
| CMN.06.T28.042QBCE | TPR (medical) | | |
| CMN.06.T28.044PGCE | PVC | GREY |  |
| CMN.06.T28.044PGZE | | Grey |  |
| CMN.06.T28.044PNCE | PVC | Black |  |
| CMN.06.T28.044PNZE | | |  |
| 006 280 | PVC | Black |  |
| 012 080 | PVC | Grey | |
| 060 260 | PTFE | White |  |
| 106 200 | PVC | Black |  |
| 106 220 | PVC | Black |  |
| 106 240 | PTFE | White |  |
| 160 140 | PVC | Grey |  |
| 160 240 | PVC | Black |  |
| 160 260 | PVC | Black |  |
| 260 250 | PVC | Grey |  |
| 360 500 | PVC | Grey |  |
| 360 750 | PVC | Grey |  |
| 460 150 | PVC | Grey |  |