

SUMMARY

Wires

| | |
|---------|---|
| Low | 4 |
| 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 | Female solder |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.4K.304.CLAC15Z |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing (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 | |
| Weight | 97.50 g |

Performance

| | |
|---------------|--|
| Configuration | 4K.304 : 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 30 Amps |

Specifications

| |
|------------------------------|
| Contact Type: Solder |
| Max. Matings: 5000 |
| Contact Dia.: 3 mm (0.118in) |

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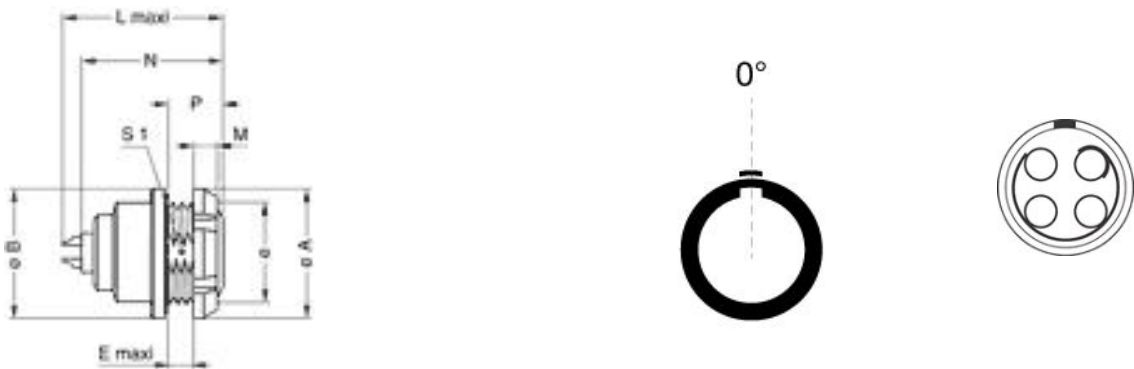
Bucket Dia.: 2.7 mm (0.106in)
 Max. Solid Conductor: 4 mm² (AWG 10)
 Max. Stranded Conductor: 4 mm² (AWG 12)
 R (max): 3.1 mOhm
 Vtest (contact-shell): 1500 V (AC), 2150 V (DC)
 Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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 | P | S1 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 41.5 | 37 | 6 | 40.2 | 7 | 38.6 | 13.5 | 28.5 | M30x1.0 |
| in. | 1,63 | 1,46 | 0,24 | 1,58 | 0,28 | 1,52 | 0,53 | 1,12 | |



















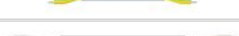








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RECOMMENDED BY LEMO









Tools

None

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.04.T14.083PGCE | PVC | GREY |  |
| CMN.04.T14.083PGZE | | Grey |  |
| CMN.04.T14.083PNCE | PVC | Black |  |
| CMN.04.T14.083PNZE | | |  |
| CMN.04.T20.053PGCE | PVC | GREY |  |
| CMN.04.T20.053PGZE | | Grey |  |
| CMN.04.T20.053PNCE | PVC | Black |  |
| CMN.04.T20.053PNZE | | |  |
| CMN.04.T20.053QGZE | TPR (medical) | Grey |  |
| CMN.04.T22.047PGCE | PVC | GREY |  |
| 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 | |

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| | | | |
|--------------------|-----|-------|---|
| 080 082 | PVC | Red | |
| 080 084 | PVC | Black | |
| 104 200 | PVC | Black |  |
| 140 240 | PVC | Black |  |
| 140 250 | PVC | Grey |  |
| 240 500 | PVC | Grey |  |
| 240 750 | PVC | Grey |  |
| 340 150 | PVC | Grey |  |
| 417 920 | PVC | Grey |  |
| CTR.75.030.121870G | PVC | Grey |  |

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