

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 7 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|------------------|
| Series | 3K |
| Termination type | Male crimp |
| IP rating | 68 |
| Cable Ø | 10.60 - 12.00 mm |
| Matching parts | EGG.3K.307.CYM |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FG*: Straight plug with oversize cable collet |
| 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 | K11: 10.6 - 12 mm |
| Variant | |
| Weight | 107.28 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 3K.307 : 7 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 15 Amps |

Specifications

| |
|-------------------------|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 50 N |

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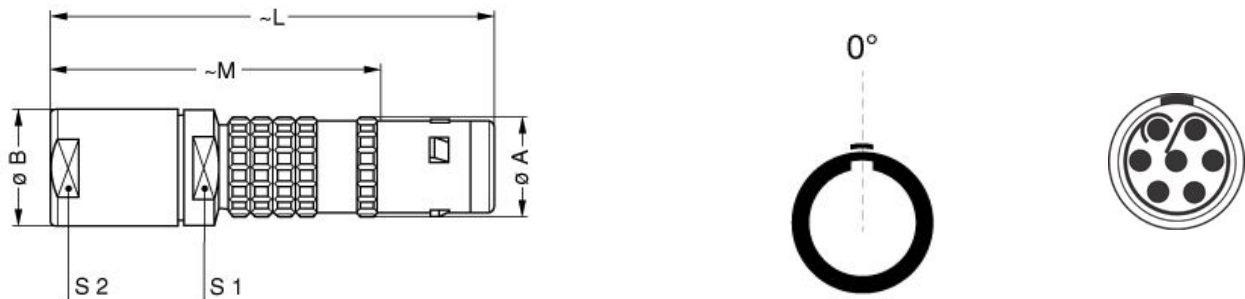
Contact Dia.: 1.6 mm (0.063in)
 Bucket Dia.: 1.9 mm (0.075in)
 Min. Conductor: 1 mm² (AWG 18)
 Max. Conductor: 1.5 mm² (AWG 14)
 R (max): 3.5 mOhm
 Vtest (contact-shell): 2050 V (AC), 2900 V (DC)
 Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

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
 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 | L | M | S1 | S2 |
|-----|------|------|------|------|------|------|
| mm. | 19 | 22 | 85 | 65 | 19 | 19 |
| in. | 0,75 | 0,87 | 3,35 | 2,56 | 0,75 | 0,75 |

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A

Crimp settings: AWG/Selector = 14-16-18/7-6-5

Positionner: DCE.91.163.BVCM

Extractor: DCF.91.163.5LT

Replacement contact: FGG.3B.570.ZZC

Spanner wrench: DCD.3E.030.PA150

Caps: BFG.3K.100.NAS

Cables

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