

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

| | |
|------------------|----------------------------------|
| Series | 0T |
| Termination type | Female solder |
| IP rating | 68 |
| AWG wire size | 34.00 - 28.00 |
| Cable Ø | 4.60 - 5.00 mm |
| Status | active |
| Alternative part | FGL.0T.306.CLK50 |
| Matching parts | EGL.0T.306.CLA |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet |
| Keying | 2 keys (gamma=80; plug: female contacts, receptacle: male contacts) |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 9.19 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0T.306 : 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2.5 Amps |

Specifications

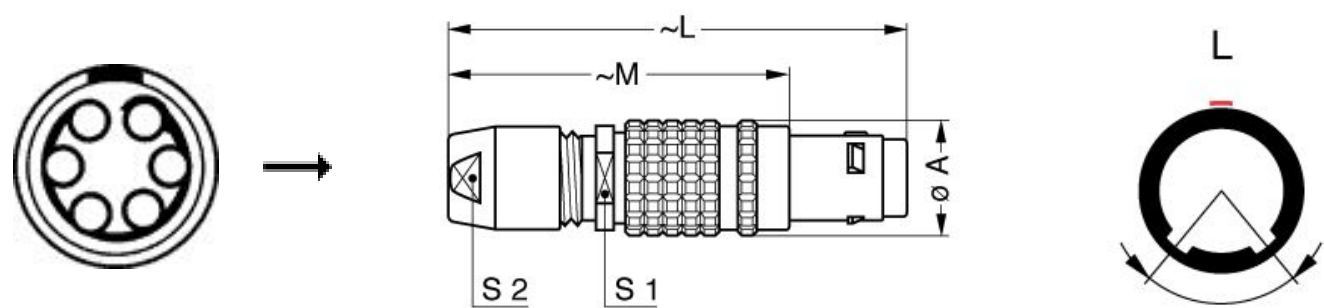
Contact Type: Solder
 Contact Dia.: 0.5 mm (0.02in)
 Bucket Dia.: 0.45 mm (0.018in)
 Max. Solid Conductor: 0.09 mm² (AWG 28)
 Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.7 mOhm
 Vtest (contact-shell): 650 V (AC), 920 V (DC)
 Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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Others

- Endurance (Shell): >3000 mating cycles
- Temp (min / max): -55° C / +200° C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Resistance to vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Climatical Category: 50/175/21
- Shielding efficiency (min): 75 dB (at 10 MHz)
- Shielding efficiency (min): 40 dB (at 1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 9.5 | 39 | 29 | 7.5 | 7 |
| in. | 0,37 | 1,54 | 1,14 | 0,30 | 0,28 |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|------|-----|-------|---|
| 6280 | PVC | Black |  |
|------|-----|-------|---|

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