

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | OK |
| Termination type | Female solder |
| IP rating | 68 |
| AWG wire size | 34.00 - 28.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.0K.307.CLAC45Z |

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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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 11.79 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | OK.307 : 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2.5 Amps |

Specifications

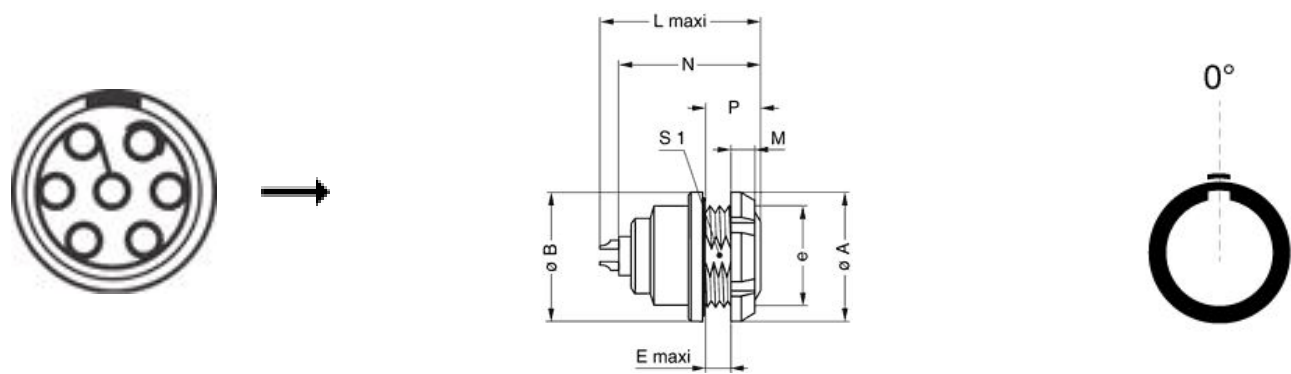
| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.5 mm (0.02in) |
| Bucket Dia.: | 0.45 mm (0.018in) |
| Max. Solid Conductor: | 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor: | 0.09 mm ² (AWG 28) |
| R (max): | 8.7 mOhm |
| Vtest (contact-shell): | 700 V (AC), 990 V (DC) |
| Vtest (contact-contact): | 800 V (AC), 1130 V (DC) |

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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]
- Climatical Category: 50/175/21
- Shielding (min): 95 dB (10 MHz)
- Shielding (min): 80 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions







| | A | B | E | L | M | N | P | S1 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 18 | 18 | 3.4 | 21.7 | 3.5 | 20.1 | 7 | 12.5 | M14x1.0 |
| in. | 0,71 | 0,71 | 0,13 | 0,85 | 0,14 | 0,79 | 0,28 | 0,49 | |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|--------------------|-----|-------|---|
| CMN.07.T28.044PGZE | | Grey |  |
| CMN.07.T28.044PNZE | | |  |
| 7041 | PVC | Grey |  |
| 7050 | PVC | Black |  |
| 717920 | PVC | Grey |  |
| CTR.75.030.121875G | PVC | Grey |  |

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