

SUMMARY

Wires

| | |
|-------------|----|
| Low voltage | 14 |
|-------------|----|



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 1K |
| 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.1K.314.KLAC50Z |

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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 (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 19.72 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1K.314 : 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2 Amps |

Specifications

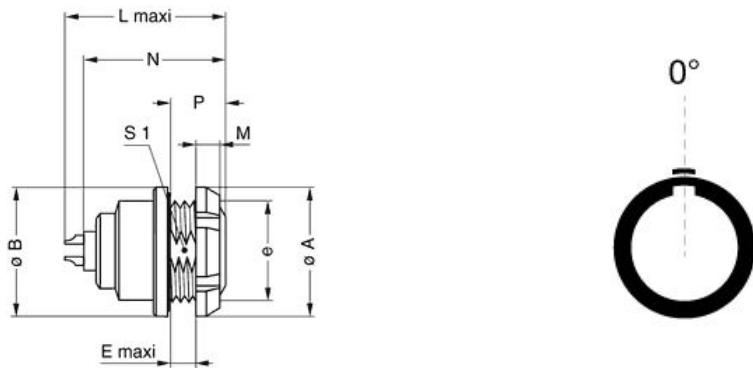
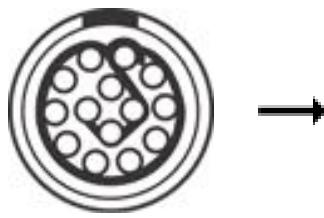
| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.5 mm (0.02in) |
| Bucket Dia.: | 0.45 mm (0.018in) |
| Max. Solid Conductor: | 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor: | 0.09 mm ² (AWG 28) |
| R (max): | 8.7 mOhm |
| Vtest (contact-shell): | 1200 V (AC), 1700 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. | 20 | 20 | 6.2 | 27 | 3.5 | 25.1 | 10 | 14.5 | M16x1.0 |
| in. | 0,79 | 0,79 | 0,24 | 1,06 | 0,14 | 0,99 | 0,39 | 0,57 | |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|--------------------|---------------|------|--|
| CMN.14.T28.056PGZE | | Grey | |
| CMN.14.T28.056PNZE | | | |
| CMN.14.T28.056QGZE | TPR (medical) | Grey | |

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