

SUMMARY

Wires

Low voltage 20



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 3K |
| Termination type | Male solder |
| IP rating | 68 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 5.60 - 6.00 mm |
| Status | active |
| Matching parts | EGA.3K.320.CLL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet |
| Keying | 2 keys (alpha=30, 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 | 68.72 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 3K.320 : 20 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6 Amps |

Specifications

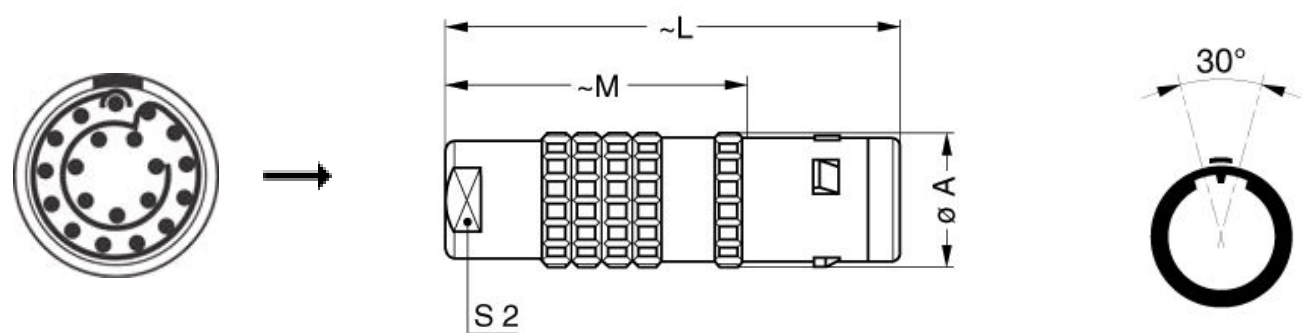
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 900 V (AC), 1270 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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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 | L | M | S2 |
|-----|------|------|------|------|
| mm. | 19 | 61 | 41 | 15 |
| in. | 0,75 | 2,40 | 1,61 | 0,59 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3E.030.PA150](#)

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