

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 19

| | |
|------------------|-----------------------------------|
| Series | 2B |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.2B.319.CLAD82 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EC*: Fixed receptacle with two nuts (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 | 17.84 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.319 : 19 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps |

Specifications

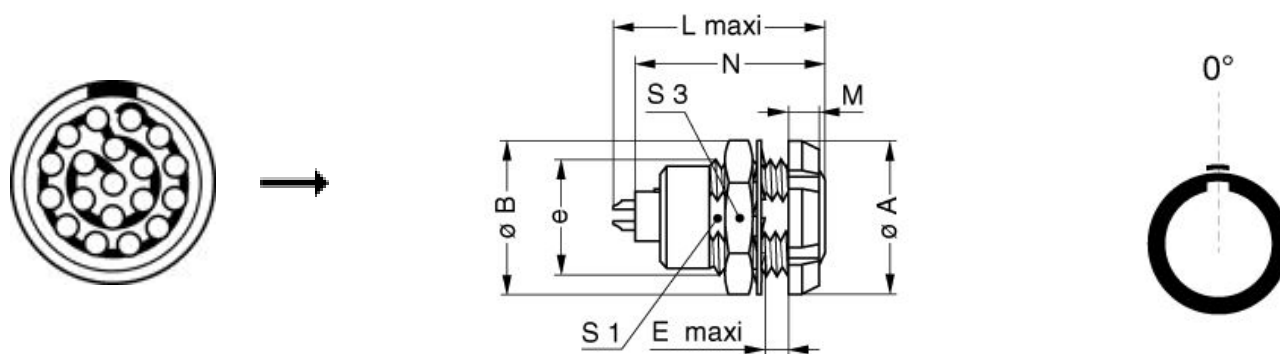
| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.7 mm (0.028in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 6.1 mOhm |
| Vtest (contact-shell): | 1250 V (AC), 1770 V (DC) |
| Vtest (contact-contact): | 950 V (AC), 1340 V (DC) |

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Others

Endurance (Shell): 5000
 Temp (min / max): -55° C / +250° 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): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20 | 19.2 | 6.5 | 26.7 | 3.5 | 24.6 | 13.5 | 17 | M15x1.0 |
| in. | 0,79 | 0,76 | 0,26 | 1,05 | 0,14 | 0,97 | 0,53 | 0,67 | |

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.201.PA](#)

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Cables

| | | | |
|--------------------|---------------|------|---|
| CMN.19.T22.079QGZE | TPR (medical) | Grey |  |
|--------------------|---------------|------|---|

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