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SUMMARY

Wires

Low voltage 19



Image is for illustrative purpose only

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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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing

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 15.72 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 mm² (AWG 22) Max. Stranded Conductor: 0.34 mm² (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

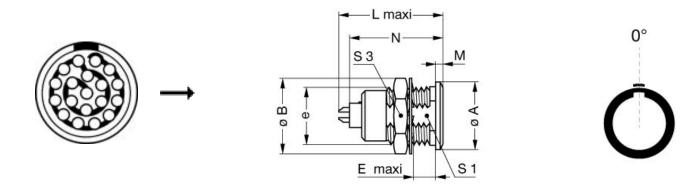
Endurance (Shell): 5000

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 | В | Е | L | M | N | S 1 | \$3 | e |
|-----|------|------|------|------|------|------|------------|------|---------|
| mm. | 18 | 19.5 | 8.5 | 26.7 | 1.8 | 24.6 | 13.5 | 17 | M15x1.0 |
| in. | 0,71 | 0,77 | 0,33 | 1,05 | 0,07 | 0,97 | 0,53 | 0,67 | |

RECOMMENDED BY LEMO

Tools

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Cables

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

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