

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 2B
Termination type Male crimp
IP rating 50
AWG wire size 20.00 - 18.00
Cable Ø 3.30 - 4.20 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PH*: Free receptacle, cable collet
Keying 2 keys (alpha=37.5, plug: female contacts, receptacle: male 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

Performance

Configuration 2B.306 : 6 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 12 Amps

Specifications

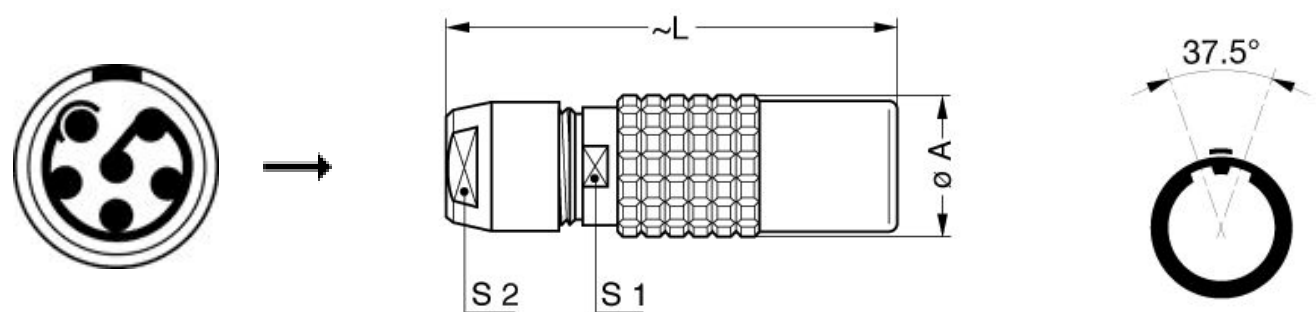
Contact Type: Crimp
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 1 mm² (AWG 18)
R (max): 3.6 mOhm
Vtest (contact-shell): 2350 V (AC), 3320 V (DC)
Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

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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 | L | S1 | S2 |
|-----|------|------|------|------|
| mm. | 16.5 | 47 | 13 | 12 |
| in. | 0,65 | 1,85 | 0,51 | 0,47 |

RECOMMENDED BY LEMO


Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 18-20/8-7

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Positionner: [DCE.91.132.BVC](#)
Extractor: [DCF.91.131.2LT](#)
Replacement contact: FGG.2B.565.ZZC
Spanner wrench: [DCD.2B.025.PA120](#)

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.06.T26.037QGZE | TPR (medical) | Grey |  |
| CMN.06.T28.042QBCE | TPR (medical) | | |
| 60260 | PTFE | White |  |

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