

SUMMARY

Wires

Low voltage 16



Image is for illustrative purpose only

Series 2B
Termination type Male solder
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 7.30 - 8.20 mm
Status Active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FU*: Elbow plug(90°), with cable collet
Keying 5 keys (alpha=95, beta=115, gamma=20, delta=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
Variant Z : Nut for fitting a bend relief
Weight 41.74 g

Performance

Configuration 2B.316 : 16 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)
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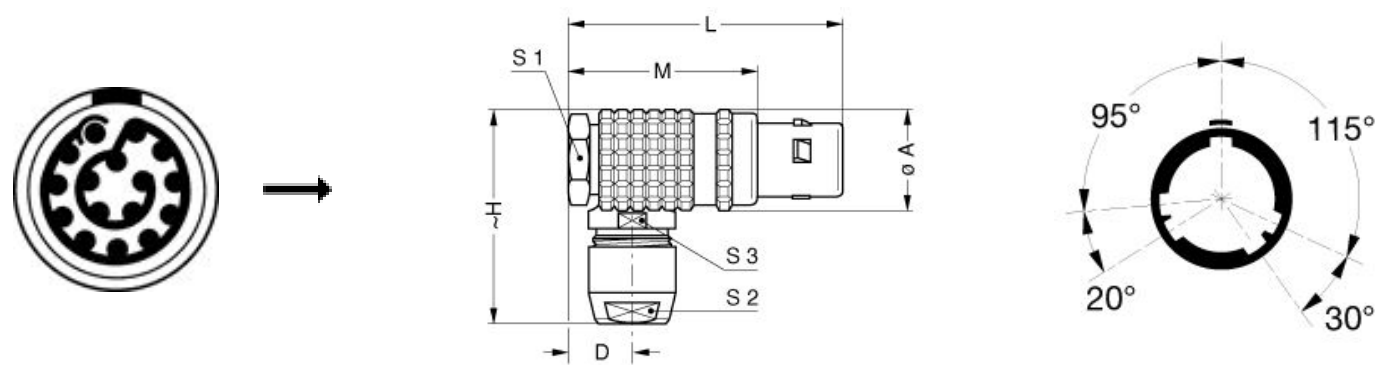
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R (max): 6.1 mOhm
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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 | H | L | M | S1 | S2 | S3 |
|-----|------|------|------|------|------|------|------|
| mm. | 16.5 | 35.5 | 41.6 | 29.6 | 14 | 12 | 13 |
| in. | 0,65 | 1,40 | 1,64 | 1,17 | 0,55 | 0,47 | 0,51 |

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Tools

Spanner wrench: [DCD.2B.ZZZ.PA120](#)

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.16.T22.076QGZE | TPR (medical) | Grey |  |
| 216240 | PVC | Black |  |

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