

SUMMARY

Wires

Low voltage 16



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 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | ENG*: Fixed receptacle with earthing tab, nut fixing, PEEK outer shell |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | PEEK (Polyetheretherketone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve+mid pieces (if plug) |
| Weight | 15.46 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.316 : 16 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6 Amps |

Specifications

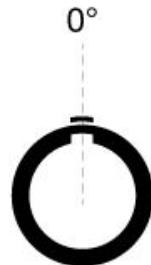
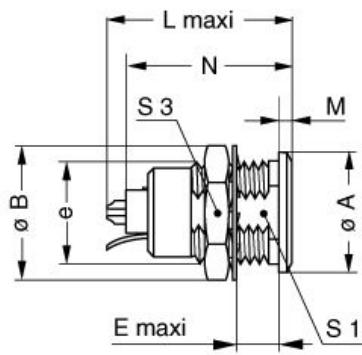
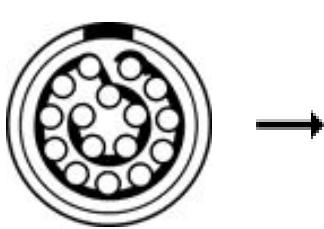
| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.7 mm (0.028in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 6.1 mOhm |
| Vtest (contact-shell): | 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): -50°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)

DRAWINGS



Dimensions

| | A | B | E _{max} | L | M | N | S1 | S3 | 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.16.T22.076QGZE | TPR (medical) | Grey |  |
| CMN.16.T28.059PGZE | | Grey |  |
| CMN.16.T28.059PNZE | | |  |
| CMN.16.T28.070NNZZ | | | |
| CMN.16.T30.047QGZE | TPR (medical) | Grey |  |
| 116080 | PUR | Black | |
| 116280 | PVC | Black |  |
| 16050 | PVC | Black |  |
| 216220 | PVC | Black |  |
| 216240 | PVC | Black |  |
| 216260 | PVC | Black |  |
| 316250 | PVC | Grey |  |

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