

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 6

Series 2S  
Termination type Female solder  
IP rating 50  
AWG wire size 28.00 - 20.00  
Cable Ø 0.00 - 0.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERN\*: Fixed receptacle, nut fixing, with grounding tab  
Keying Hermaphroditic keying (half moon insert) with female pin 1  
Housing Material PEEK (Polyetheretherketone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 7.61 g

### Performance

Configuration 2S.306 : 6 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 12 Amps

### Specifications

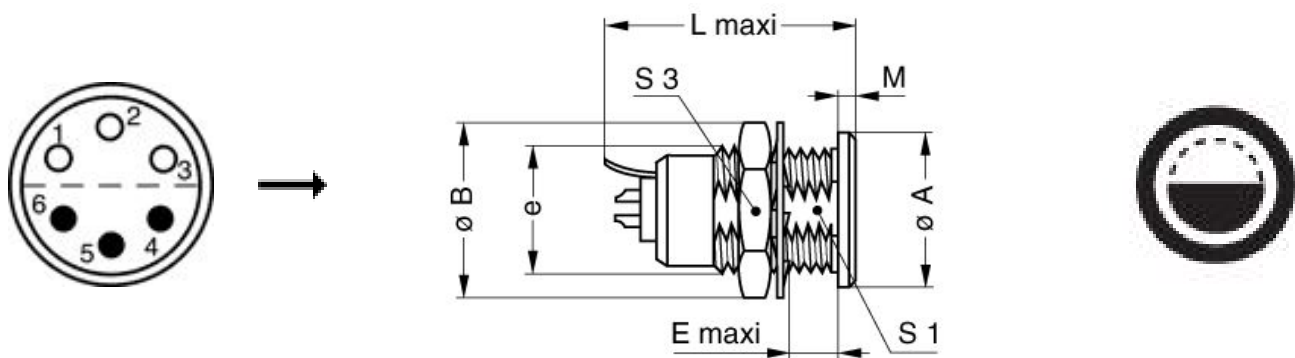
Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

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## Others

Endurance (Shell): 5000 mating cycles  
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    | L    | M    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 18   | 19.5 | 8.5  | 26.3 | 1.8  | 13.5 | 17   | M15x1.0 |
| in. | 0,71 | 0,77 | 0,33 | 1,04 | 0,07 | 0,53 | 0,67 |         |

## RECOMMENDED BY LEMO

### Tools

### Cables

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|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.06.T20.062PGZE |               | Grey  |    |
| CMN.06.T20.062PNZE |               |       |    |
| CMN.06.T20.062QGZE | TPR (medical) | Grey  |    |
| CMN.06.T26.037QGZE | TPR (medical) | Grey  |    |
| CMN.06.T28.031PGCE | PVC           | GREY  |     |
| CMN.06.T28.031PGZE |               | Grey  |    |
| CMN.06.T28.031PNCE | PVC           | Black |     |
| CMN.06.T28.031PNZE |               |       |    |
| CMN.06.T28.042QBCE | TPR (medical) |       |   |
| CMN.06.T28.044PGZE |               | Grey  |    |
| CMN.06.T28.044PNZE |               |       |    |
| 106220             | PVC           | Black |    |
| 106240             | PTFE          | White |    |
| 12080              | PVC           | Grey  |   |
| 160140             | PVC           | Grey  |    |
| 160240             | PVC           | Black |    |
| 160260             | PVC           | Black |    |
| 260250             | PVC           | Grey  |     |
| 360500             | PVC           | Grey  |     |
| 360750             | PVC           | Grey  |     |
| 60260              | PTFE          | White |   |
| 6280               | PVC           | Black |  |

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[ABF.1S.250.NTA](#) [133020F](#) [1331ER193MZ](#) [1332M107MZ](#) [DTS26Z19-32JA-LC](#) [DTS26Z19-32SA](#) [DTS26Z19-32SA-LC](#) [DTS26Z23-55HA](#)  
[DTS26Z23-55HA-LC](#) [DTS26Z23-55JA-LC](#) [EAJ.1B.306.CWA](#) [ECG.XB.312.CLL](#) [1589430-2](#) [EEA.0B.305.CLN](#) [EEA.0B.309.CLL](#)  
[ELF.00.250.NTL](#) [ERA.01.250.DLL](#) [BRR.2S.200.PZVG](#) [HR10A-P](#) [CAH.M34.SLL.C72GZ](#) [CAJ.M34.SLL.C72GZ](#) [300500](#) [ESB.00.303.NLL](#)  
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