

## SUMMARY

### # Wires

Low voltage 32



*Image is for illustrative purpose only*

|                  |                                    |
|------------------|------------------------------------|
| Series           | 2B                                 |
| Termination type | Female solder                      |
| IP rating        | 50                                 |
| AWG wire size    | 34.00 - 28.00                      |
| Cable Ø          | 0.00 - 0.00 mm                     |
| Status           | active                             |
| Matching parts   | <a href="#">FGG.2B.332.CLAD62Z</a> |

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## 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.332 : 32 Low Voltage   |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 1.5 Amps                  |

### Specifications

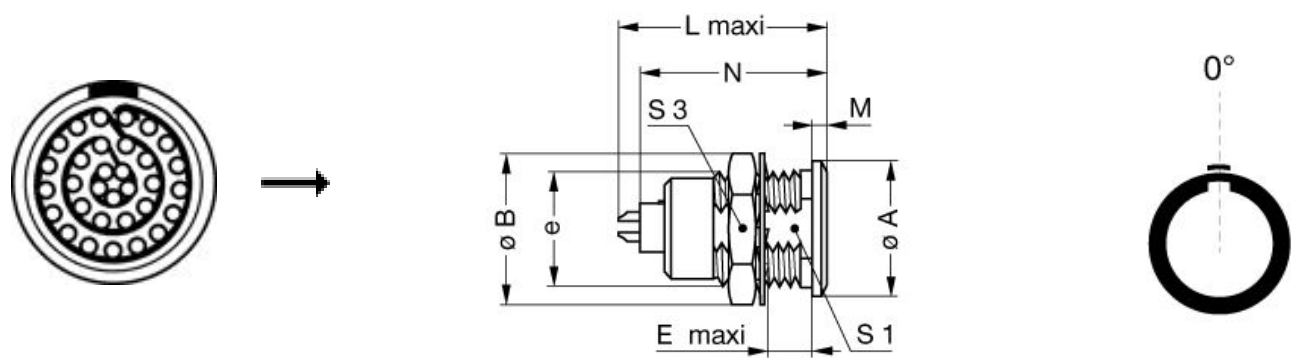
Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 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    | B    | E    | 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.32.T30.058QGZE | TPR (medical) | Grey |  |
| 364080             | PVC           | Grey |                                                                                     |

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