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# **SUMMARY**

#### # Wires

 Low
 6

 High
 0

 Coax
 0

Triax 0

Quad 0

Fiber 0

Fluidic 0

Series 2B

**Termination type** Female solder

IP rating 50

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGG.2B.306.CLAD52

**Status** active

Alternative part



Image is for illustrative purpose only

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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) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing : 0 - 0 mm

Variant

**Weight** 15.30 g

#### **Performance**

Configuration 2B.306: 6 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 12 Amps

### **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 1.3 mm (0.051in)

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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 (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

### **Others**

Temp (min / max): -55°C / +250°C

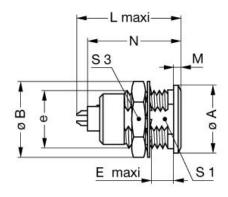
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

# **DRAWINGS**

#### **Draws**







#### **Dimensions**

|     | А    | В    | E    | L    | М    | 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 |         |

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# **RECOMMENDED BY LEMO**

### **Tools**

None

### **Cables**

| CMN.06.T20.062PGCE | PVC           | GREY  | <b>&gt;</b>       |
|--------------------|---------------|-------|-------------------|
| CMN.06.T20.062PGZE |               | Grey  | <b>&gt;</b>       |
| CMN.06.T20.062PNCE | PVC           | Black | >===              |
| CMN.06.T20.062PNZE |               |       | <b>&gt;</b>       |
| CMN.06.T20.062QGZE | TPR (medical) | Grey  | <b>&gt;</b>       |
| CMN.06.T22.055PGCE | PVC           | GREY  | <b>&gt;</b>       |
| CMN.06.T22.055PGZE |               | Grey  | ▶€                |
| CMN.06.T22.055PNCE | PVC           | Black | >===              |
| CMN.06.T22.055PNZE |               |       | <b>&gt;</b>       |
| CMN.06.T26.037QGZE | TPR (medical) | Grey  | <b>&gt;</b>       |
| CMN.06.T28.031PGCE | PVC           | GREY  | <b>&gt;</b>       |
| CMN.06.T28.031PGZE |               | Grey  | <b>&gt;</b>       |
| CMN.06.T28.031PNCE | PVC           | Black | >===              |
| CMN.06.T28.031PNZE |               |       | ▶€                |
| CMN.06.T28.042QBCE | TPR (medical) |       |                   |
| CMN.06.T28.044PGCE | PVC           | GREY  | <b>&gt;===</b>    |
| CMN.06.T28.044PGZE |               | Grey  | >€                |
| CMN.06.T28.044PNCE | PVC           | Black | <b>&gt;</b>       |
| CMN.06.T28.044PNZE |               |       | <b>&gt;</b>       |
| 006 280            | PVC           | Black | -                 |
| 012 080            | PVC           | Grey  |                   |
| 060 260            | PTFE          | White | <b>&gt;</b>       |
| 106 200            | PVC           | Black |                   |
| 106 220            | PVC           | Black |                   |
| 106 240            | PTFE          | White | >                 |
| 160 140            | PVC           | Grey  | - 5-E             |
| 160 240            | PVC           | Black | -                 |
| 160 260            | PVC           | Black | -                 |
| 260 250            | PVC           | Grey  | <b>&gt;</b>       |
| 360 500            | PVC           | Grey  | <b>&gt;</b>       |
| 360 750            | PVC           | Grey  | <b>&gt;</b> ===== |

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