

# EGG.1B.306.CLL

## SUMMARY

#### # Wires

| Low              | 6                 | ALL ALL         |
|------------------|-------------------|-----------------|
| High             | 0                 |                 |
| Coax             | 0                 |                 |
| Triax            | 0                 | Download        |
| Quad             | 0                 | Request a quote |
| Fiber            | 0                 | Catalog         |
| Fluidic          | 0                 | <u></u>         |
| Series           | 1B                |                 |
| Termination type | Female solder     |                 |
| IP rating        | 50                |                 |
| Cable Ø          | 0.00 - 0.00 mm    |                 |
| Matching parts   | FGG.1B.306.CLAD35 |                 |
| Status           | active            |                 |
| Alternative part |                   |                 |
|                  |                   |                 |

Image is for illustrative purpose only

## **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            | 8.77 g  |
| Performance       |   |
| Configuration     | 1B.306 : 6 Low Voltage  |
| Insulator         | L: PEEK (UL 94 / V-0/3.2, depends on material thickness)                                    |
| Rated Current     | 7 Amps  |

#### **Specifications**

Contact Type: Solder Max. Matings: 5000 Contact Dia.: 0.7 mm (0.028in)

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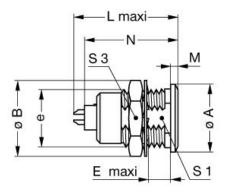
Bucket Dia.: 0.8 mm (0.031in) Max. Solid Conductor: 0.34 mm^2 (AWG 22) Max. Stranded Conductor: 0.34 mm^2 (AWG 22) R (max): 6.1 mOhm Vtest (contact-shell): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

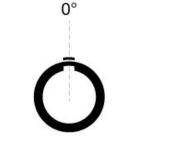
#### Others

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

|     | A    | В    | E    | L    | м    | Ν    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 14   | 16   | 7.5  | 23   | 1.5  | 21.1 | 10.5 | 14   | M12x1.0 |
| in. | 0,55 | 0,63 | 0,30 | 0,91 | 0,06 | 0,83 | 0,41 | 0,55 |         |

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### **RECOMMENDED BY LEMO**

Tools

None

#### Cables

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

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