

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 8

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 2T                                |
| Termination type | Female solder                     |
| IP rating        | 68                                |
| AWG wire size    | 22.00 - 22.00                     |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGG.2T.308.CLAC50</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing, back panel mounting  |
| 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            | 15.47 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2T.308 : 8 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps                   |

### Specifications

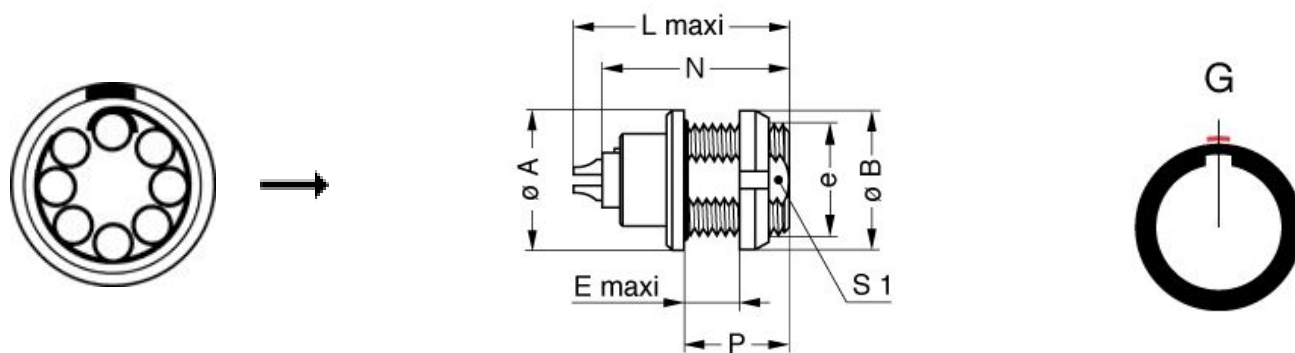
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

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## Others

Endurance (Shell): >3000 mating cycles  
 Temp (min / max): -55°C / +200°C  
 Humidity (max): <=95% [at 60 deg C / 140 F]  
 Resistance to vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21  
 Shielding efficiency (min): 75 dB (at 10 MHz)  
 Shielding efficiency (min): 40 dB (at 1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS



## Dimensions

|     | A    | B    | E    | L    | N    | P    | S1   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 18.5 | 20   | 7.5  | 26.5 | 24.6 | 11   | 13.5 | M15x1.0 |
| in. | 0,73 | 0,79 | 0,30 | 1,04 | 0,97 | 0,43 | 0,53 |         |

## RECOMMENDED BY LEMO

## Tools

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## Cables

|                    |               |        |   |
|--------------------|---------------|--------|---|
| CMN.08.T22.059QGC  | TPR           | Grey   |   |
| CMN.08.T22.059QGZE | TPR (medical) | Grey   |    |
| CMN.08.T26.042QGZE | TPR (medical) | Grey   |    |
| 108220             | PVC           | Black  |    |
| 108240             | PTFE          | White  |    |
| 108260             | PTFE          | White  |    |
| 16080              | PVC           | Grey   |   |
| 180240             | PVC           | Black  |    |
| 180260             | PVC           | Black  |    |
| 280250             | PVC           | Grey   |    |
| 335990             | PVC           | Black  |    |
| 335991             | PVC           | Black  |    |
| 42265              | PVC           | Yellow |   |
| 80140              | PVC           | Grey   |    |
| 8050               | PVC           | Black  |    |
| 8280               | PVC           | Black  |  |

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