

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 9 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

Download

[Request a quote](#)

[Catalog](#)

| | |
|------------------|-------------------|
| Series | 0T |
| Termination type | Female solder |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.0T.309.CLAC50 |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | HG*: Fixed socket, nut fixing, watertight or vacuumtight |
| 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 | P : Watertight |
| Weight | 4.77 g |

Performance

| | |
|---------------|-----------------------|
| Configuration | T.309 : 9 Low Voltage |
| Insulator | |
| Rated Current | 2 Amps |

Specifications

| | |
|---------------|-----------------|
| Contact Type: | Solder |
| Max. Matings: | 3000 |
| Contact Dia.: | 0.5 mm (0.02in) |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Bucket Dia.: 0.45 mm (0.018in)
 Max. Solid Conductor: 0.09 mm² (AWG 28)
 Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.7 mOhm
 Vtest: 500 V (DC)400 V (AC)

Others

Temp (min / max): -55° C / +200° 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: >144 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | B | C | E | L | M | N | e |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 12 | 8.3 | 9.1 | 6.5 | 22 | 1.5 | 18.5 | M9x0.6 |
| in. | 0,47 | 0,33 | 0,36 | 0,26 | 0,87 | 0,06 | 0,73 | |

RECOMMENDED BY LEMO

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Tools

None

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.09.T28.050CNQZ | | | |
| CMN.09.T28.051PGCE | PVC | GREY |  |
| CMN.09.T28.051PGZE | | Grey |  |
| CMN.09.T28.051PNCE | PVC | Black |  |
| CMN.09.T28.051PNZE | | |  |
| CMN.09.T28.051QGZE | TPR (medical) | Grey |  |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.