

SUMMARY

Wires

| | |
|---------|----|
| Low | 19 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|------------------------------------|
| Series | 2T |
| Termination type | Female solder |
| IP rating | 68 |
| Cable Ø | 8.10 - 8.50 mm |
| Status | active |
| Alternative part | |
| Matching parts | FGG.2T.319.CLAC85Z |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | PH*: Free receptacle, cable collet and nut for fitting a bend relief |
| 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 |
| Variant | Z : Nut for fitting a bend relief |

Performance

| | |
|---------------|---------------------------|
| Configuration | T.319 : 19 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps |

Specifications

| | |
|-----------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.7 mm (0.028in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |

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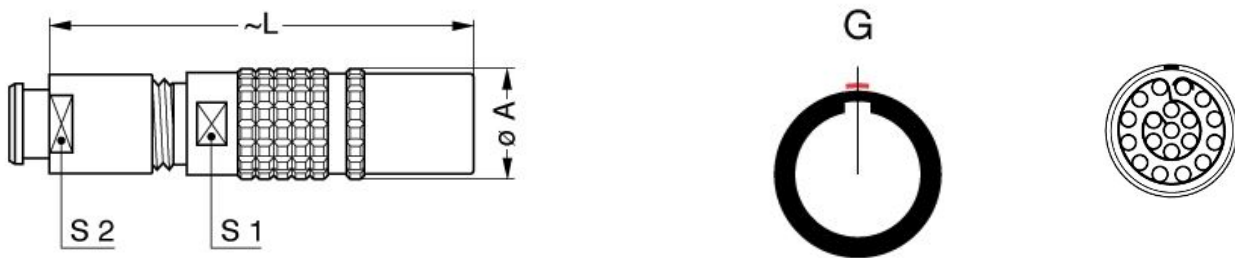
Max. Stranded Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
 Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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
 IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | L |
|-----|------|------|
| mm. | 15 | 51 |
| in. | 0.59 | 2.01 |

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Tools

None

Cables

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