

SUMMARY

Wires

| | |
|---------|---|
| Low | 7 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

| | |
|------------------|------------------------|
| Series | 0B |
| Termination type | Coupler/adapter/bridge |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | |
| Status | |
| Alternative part | |



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | SGJ*: Fixed coupler, nut fixing, keys (G, A, B, J, K, L) at the flange end and keys (G, A, B, J, K, L) at the other end, watertight or vacuum-tight |
| Keying | 2 keys (gamma=45, plug: female contacts, receptacle: male contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | PV : Watertight / Vacuum-tested |

Performance

| | |
|---------------|--|
| Configuration | 0B.307 : 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 2.5 Amps |

Specifications

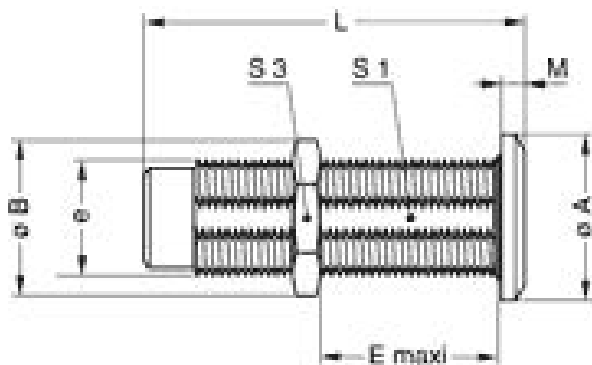
| | |
|--------------------------|-------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 0.5 mm (0.02in) |
| Vtest (contact-shell): | #700 V (AC), 990 V (DC) |
| Vtest (contact-contact): | 800 V (AC), 1130 V (DC) |

Others

Temp (min / max): -20° C / +100° 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: 20/80/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Pressure: 60 bars
IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|----------|
| mm. | 14 | 13.8 | 17 | 34 | 2 | 9 | 12 | M10x0.75 |
| in. | 0,55 | 0,54 | 0,67 | 1,34 | 0,08 | 0,35 | 0,47 | |

RECOMMENDED BY LEMO

Tools

None

Cables

