

SUMMARY

Wires

| | |
|---------|---|
| Low | 5 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|--------------------|
| Series | 2B |
| Termination type | Female solder |
| IP rating | 50 |
| Cable Ø | 8.30 - 9.20 mm |
| Matching parts | FGG.2B.305.CLAD92Z |
| Status | |
| Alternative part | |

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 |
| Cable Fixing | D92: 8.3 - 9.2 mm |
| Variant | Z : Nut for fitting a bend relief |

Performance

| | |
|---------------|--|
| Configuration | 2B.305 : 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 14 Amps |

Specifications

| | |
|--------------------------|------------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 1.3 mm (0.051in) |
| Bucket Dia.: | 1 mm (0.039in) |
| Max. Solid Conductor: | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor: | 0.5 mm ² (AWG 20) |

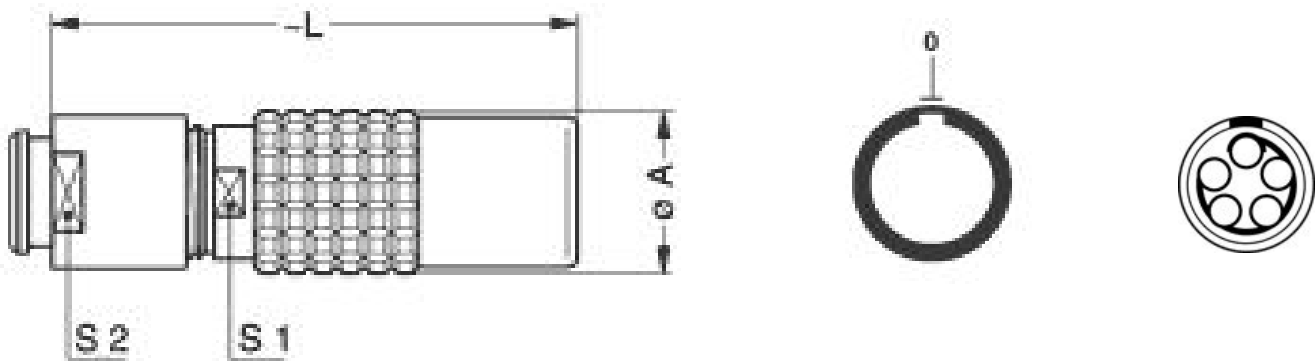
R (max): 3.6 mOhm
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)
 Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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 | L | S1 | S2 |
|-----|------|------|------|------|
| mm. | 16.5 | 47 | 13 | 12 |
| in. | 0,65 | 1,85 | 0,51 | 0,47 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.2B.220.120

