

SUMMARY

Wires

| | |
|------------------|--------------------------------|
| Low | 5 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |
| Series | 0B |
| Termination type | Male solder |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Alternative part | |
| Matching parts | EGG.0B.305.CLL |



Image is for illustrative purpose only

Download

[Request a quote](#)

[Catalog](#)

[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet |
| 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 | |
| Weight | 7.99 g |

Performance

| | |
|---------------|--|
| Configuration | 0B.305 : 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 6.5 Amps |

Specifications

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

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.

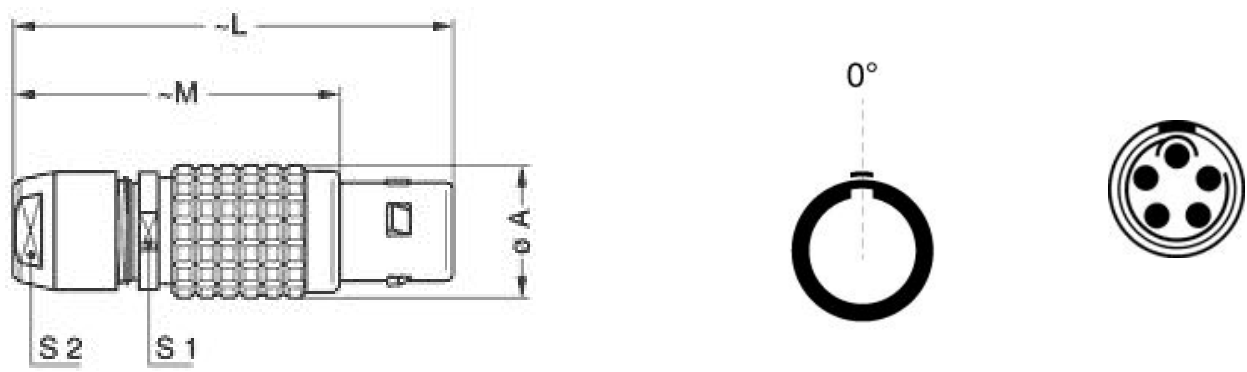
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 700 V (AC), 1000 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

Others

Endurance (Shell): 5000
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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 9.5 | 36 | 26 | 8 | 7 |
| in. | 0,37 | 1,42 | 1,02 | 0,31 | 0,28 |

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

Spanner wrench: DCD.0B.005.PA070
Caps: BFG.0B.100.PCSG

Cables

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.