

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 2B
Termination type Male solder
IP rating 50
AWG wire size 22.00 - 14.00
Cable Ø 5.30 - 6.20 mm
Status active
Matching parts [EGG.2B.302.CLL](#)
[PHG.2B.302.CLLD62](#)

Download

[Request a quote](#)

[Eplan](#)

[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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight 29.10 g

Performance

Configuration 2B.302 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 25 Amps

Specifications

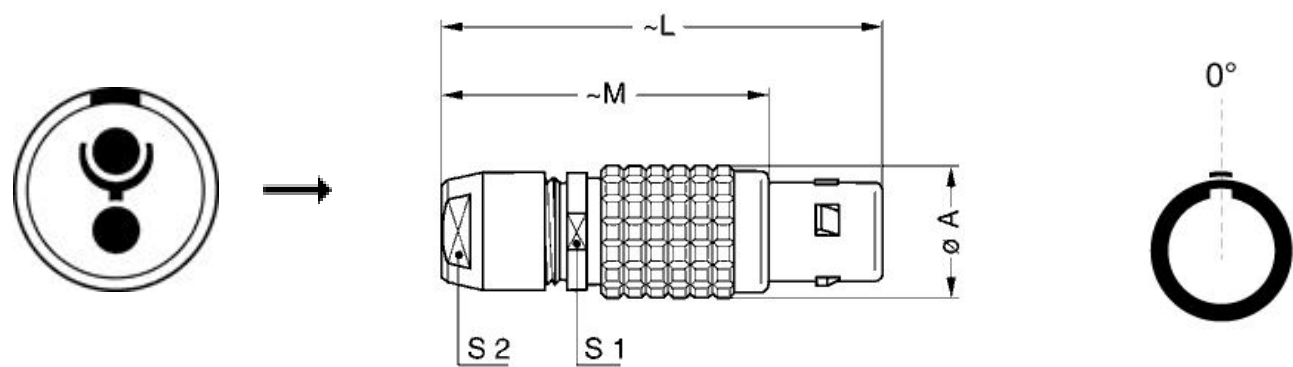
Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm² (AWG 14)
Max. Stranded Conductor: 1.5 mm² (AWG 16)
R (max): 3.3 mOhm
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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.

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

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.2B.025.PA120](#)
- Caps: [BFG.2B.100.PCSG](#)

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.

Cables

102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	PVC	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.