

SUMMARY

Wires

Low voltage 2


Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	1.40 - 2.20 mm
Status	obsolete
Alternative part	JGG.0B.302.CLAD22Z
Matching parts	EGG.0B.302.CLL

Download

[Request a quote](#)
[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	JG*: Straight plug short with 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
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	0B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

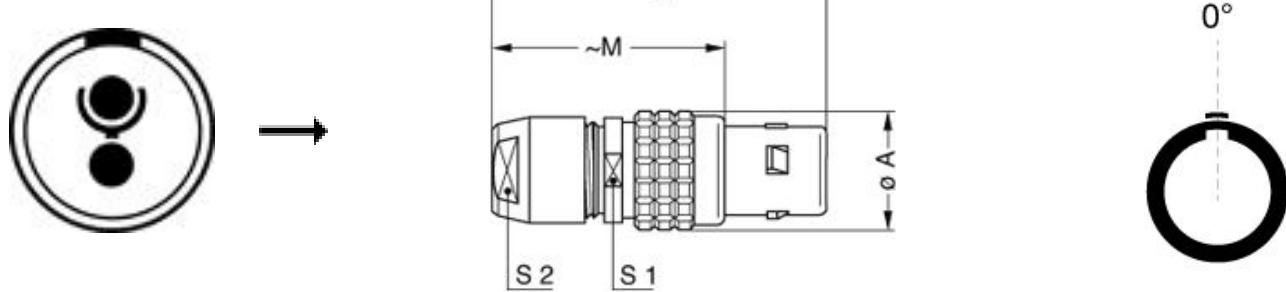
Contact Type: Solder
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.0 mm (0.039in)
 Max. Solid Conductor: 0.56 mm² (AWG 20)
 Max. Stranded Conductor: 0.56 mm² (AWG 20)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
 Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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.	9.5	32	22.0	8	7
in.	0,37	1,26	0,87	0,31	0,28

RECOMMENDED BY LEMO

Tools

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

20550	PUR	Black	
20560	PUR	White	
CMB.02.210.635	PUR	Black	

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

LEMO:

[JGG.0B.302.CLAD21Z](#)