

SUMMARY

Wires

Low voltage	2
-------------	---



Image is for illustrative purpose only

Series	3B
Termination type	Female solder
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	7.80 - 9.20 mm
Status	active
Alternative part	PHG.3B.302.CLLD92
Matching parts	FGG.3B.302.CLAD82

Download

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

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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	57.09 g

Performance

Configuration	3B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	35 Amps

Specifications

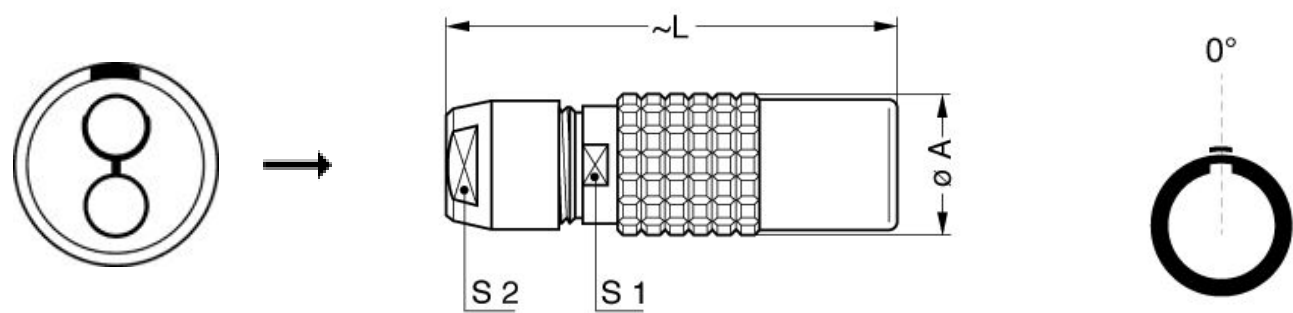
Contact Type: Solder
Contact Dia.: 3 mm (0.118in)
Bucket Dia.: 2.7 mm (0.106in)
Max. Solid Conductor: 4 mm² (AWG 10)
Max. Stranded Conductor: 4 mm² (AWG 12)
R (max): 3.1 mOhm
Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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	S1	S2
mm.	19	56	15	14
in.	0,75	2,20	0,59	0,55

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3B.040.PA140](#)

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

CMN.02.T12.078PGZE		Grey	
CMN.02.T12.078PNZE		Black	
CMN.02.T14.078PGZE		Grey	
CMN.02.T14.078PNZE			

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.