

SUMMARY

Wires

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



Image is for illustrative purpose only

Series	1S
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.20 - 5.20 mm
Status	active
Matching parts	ERA.1S.302.CLL

Download

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

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Hermaphroditic keying (half moon insert) with male pin 1
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
Weight	18.05 g

Performance

Configuration	1S.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm

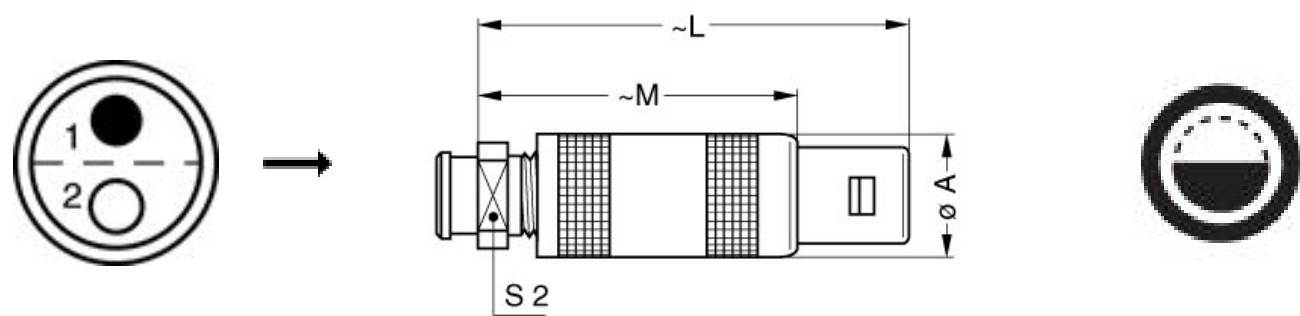
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vtest: 1200 V (AC), 1800 V (DC)

Others

- Endurance (Shell): 5000 mating cycles
- 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: >144 hr

DRAWINGS



Dimensions









	A	L	M	S2
mm.	12	42.5	31.5	9
in.	0,47	1,67	1,24	0,35

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

CMN.02.T20.047PGZE		Grey	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
120240	PVC	Black	
120250	PVC	Grey	
120501	PVC	Grey	
20260	PVC	Black	
2221	PVC	Black	
4082	PVC	Grey	

Mouser Electronics

Authorized Distributor

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

LEMO:

[FFA.1S.302.CLAC52Z](#)