

## SUMMARY

### # Wires

High voltage	1
--------------	---



*Image is for illustrative purpose only*

Series	2S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	3.30 - 4.20 mm
Status	active

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFB*: Straight plug, cable collet and safety locking ring
Keying	Circular, male
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	34.64 g

### Performance

Configuration	2S.408 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

Contact Type:	Solder
Test voltage (kV DC)	12
Test voltage (kV AC)	8.5
Air clearance min.:	11.5 mm
Creepage distance min.:	11.9 mm

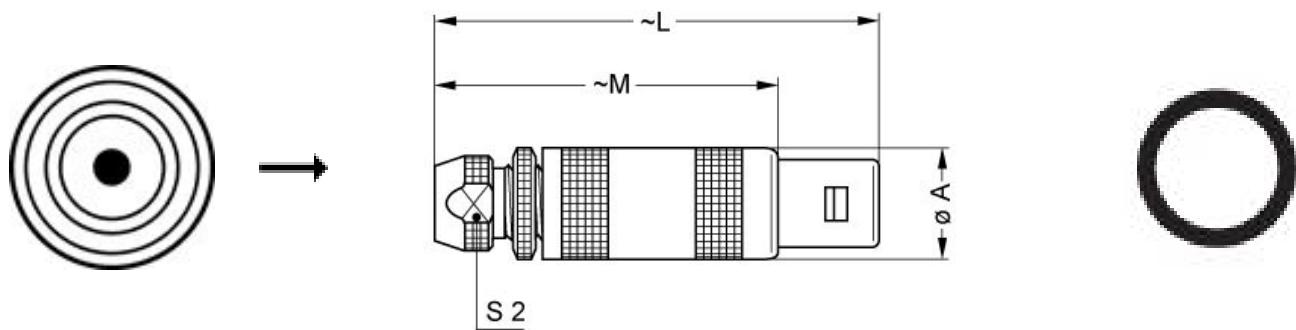
### Others

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.

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.	14.8	55.5	43.5	11
in.	0,58	2,19	1,71	0,43

---

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2S.025.PA110](#)

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.

*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.*