

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

Series	3S
Termination type	Female solder High-Voltage
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.80 - 7.20 mm
Status	active
Alternative part	<a href="#">FFB.3S.415.CTLC72</a>
Matching parts	<a href="#">ERA.3S.415.CTA</a>

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

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

### Performance

Configuration	3S.415 : 1 High Voltage
Insulator	T: PTFE
Rated Current	8 Amps

### Specifications

Contact Type: Solder
Test voltage (kV DC) 21
Test voltage (kV AC) 15
Creepage distance min.: 28.5 mm

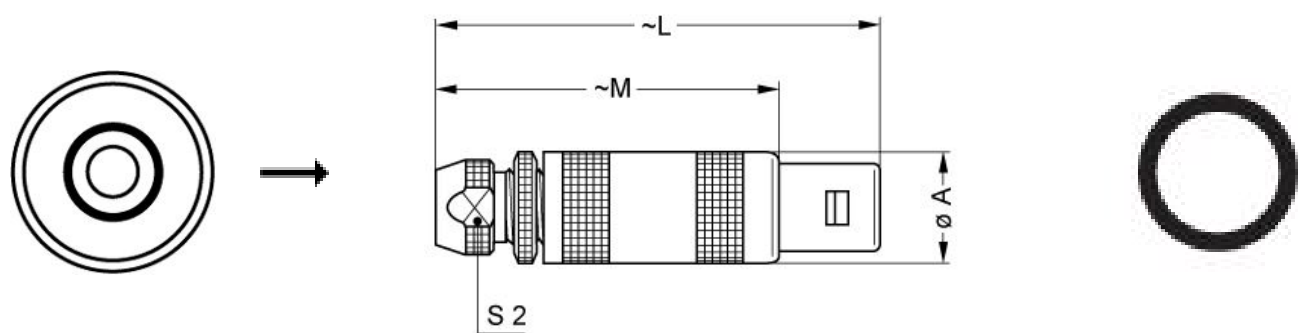
### Others

Endurance (Shell): 5000 mating cycles

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.

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.	17.8	77	60	14
in.	0,70	3,03	2,36	0,55

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCP.91.023.TN](#)

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.*

# Mouser Electronics

Authorized Distributor

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

[LEMO:](#)

[FFB.3S.415.CTLC62](#)