

## SUMMARY

### # Wires

High voltage 1



*Image is for illustrative purpose only*

Series	3S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FFB.3S.405.CTLC11</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
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	29.76 g

### Performance

Configuration	3S.405 : 1 High Voltage
Insulator	T: PTFE
Rated Current	15 Amps

### Specifications

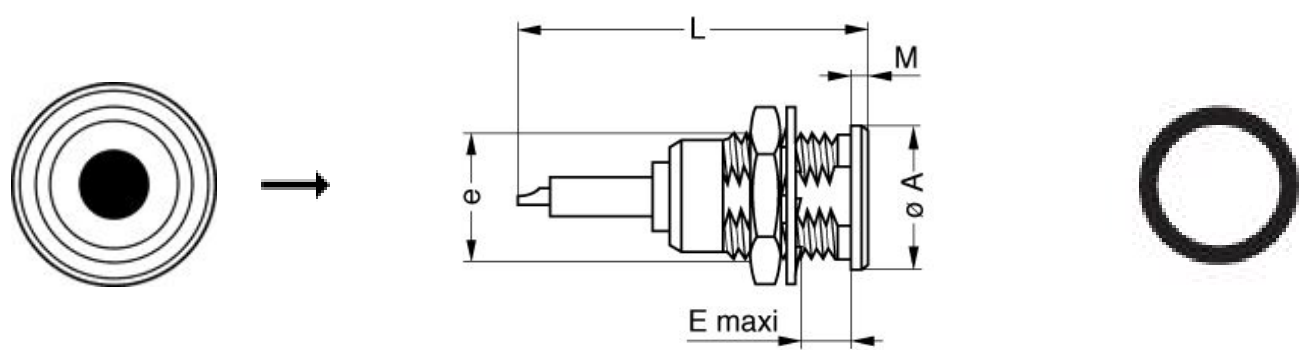
Contact Type: Solder  
Test voltage (kV DC) 10.5  
Test voltage (kV AC) 7.5  
Air clearance min.: 12.8 mm  
Creepage distance min.: 12.9 mm

### Others

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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: >1000 hr

## DRAWINGS



### Dimensions

	A	E	L	M	e
mm.	22	11.5	42	2	M18x1.0
in.	0,87	0,45	1,65	0,08	

## RECOMMENDED BY LEMO

### Tools

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