

## SUMMARY

### # Wires

Low voltage	1
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*Image is for illustrative purpose only*

Series	2S
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 10.00
Cable Ø	4.30 - 5.20 mm
Status	Active
Matching parts	<a href="#">ERA.2S.140.CTL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
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	33.71 g

### Performance

Configuration	2S.140 : 1 Low Voltage
Insulator	T: PTFE
Rated Current	40 Amps

### Specifications

Contact Type: Solder  
Vtest (contact-shell): 1800 V (AC), 2550 V (DC)  
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

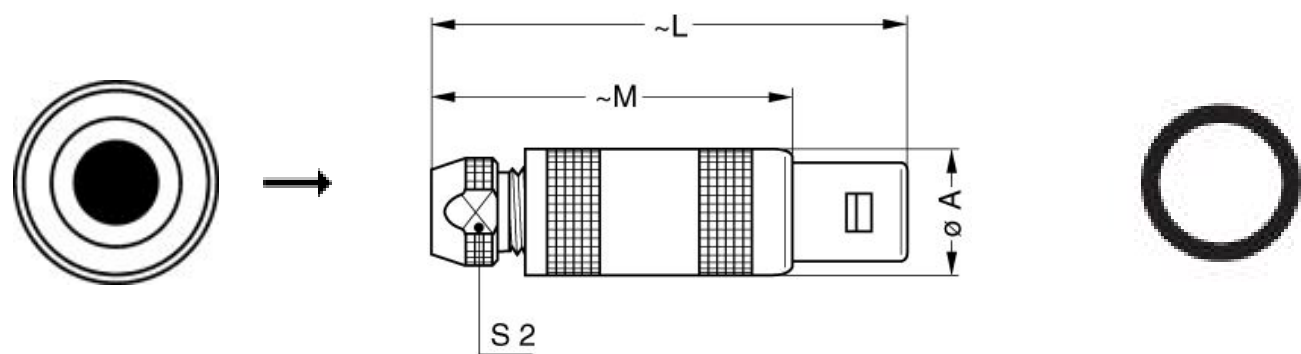
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°C

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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	52	40	11
in.	0,58	2,05	1,57	0,43

## RECOMMENDED BY LEMO

### Tools

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

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