

## SUMMARY

### # Wires



Low voltage	8
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*Image is for illustrative purpose only*

Series	2S
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.30 - 6.20 mm
Status	active
Matching parts	<a href="#">ERA.2S.308.CLL</a>

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## 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	33.64 g

### Performance

Configuration	2S.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	4.8 mOhm
Vtest:	800 V (AC), 1200 V (DC)

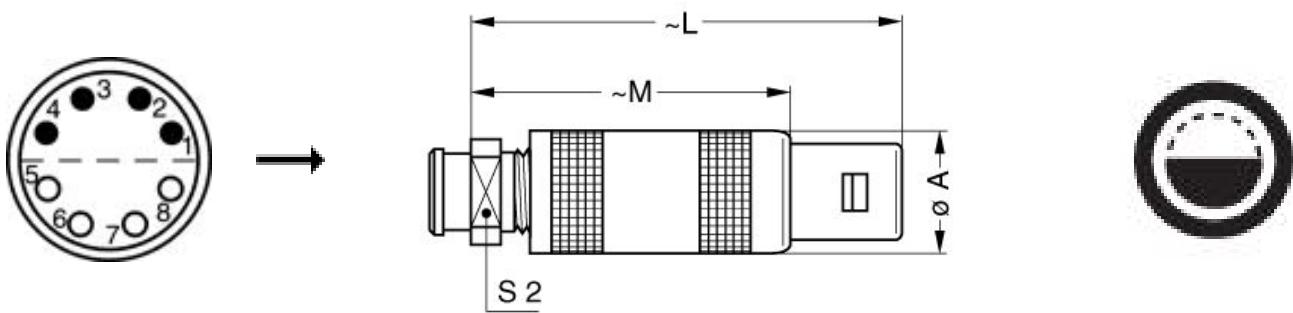
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## Others

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

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## DRAWINGS



## Dimensions

	A	L	M	S2
mm.	14.8	52	40	12
in.	0,58	2,05	1,57	0,47

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## RECOMMENDED BY LEMO

### Tools

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

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## Cables

CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	

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