

## SUMMARY

### # Wires



*Image is for illustrative purpose only*

Series	4S
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	6.10 - 7.00 mm
Status	active
Matching parts	<a href="#">ERA.4S.312.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
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
Weight	141.11 g

### Performance

Configuration	4S.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.5 mm <sup>2</sup> (AWG 20)
R (max):	3.6 mOhm
Vtest:	2100 V (AC), 3000 V (DC)

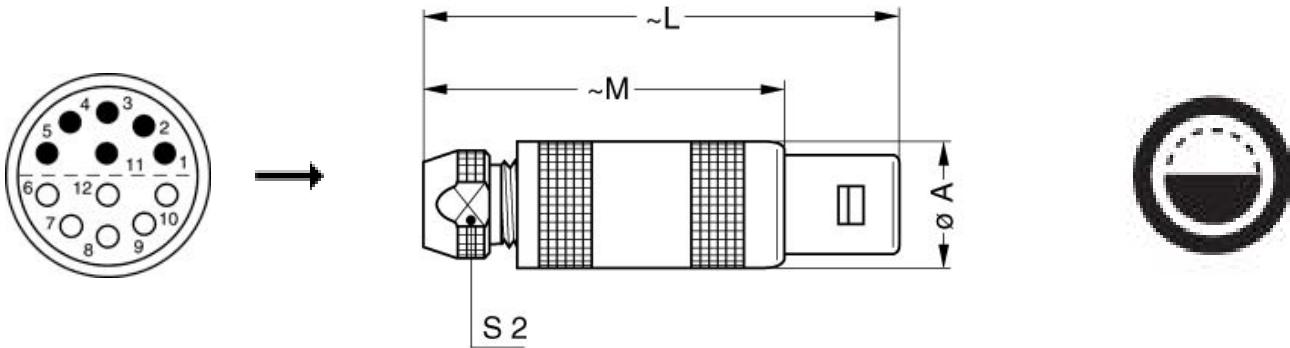
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## Others

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.	24.8	77	59	19
in.	0,98	3,03	2,32	0,75

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## RECOMMENDED BY LEMO

### Tools

Caps: [BFA.4S.100.NAS](#)

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## Cables

CMN.12.T22.070QGZE	TPR (medical)	Grey	
112240	PTFE	White	
212260	PVC	Black	

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