

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	24
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	5S
Termination type	Male solder
IP rating	50
Cable Ø	9.10 - 10.00 mm
Matching parts	ERA.5S.324.CLL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C10: 9.1 - 10 mm
Variant	
Weight	344.36 g

### Performance

Configuration	5S.324 : 24 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	9 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.6 mm (0.063in)

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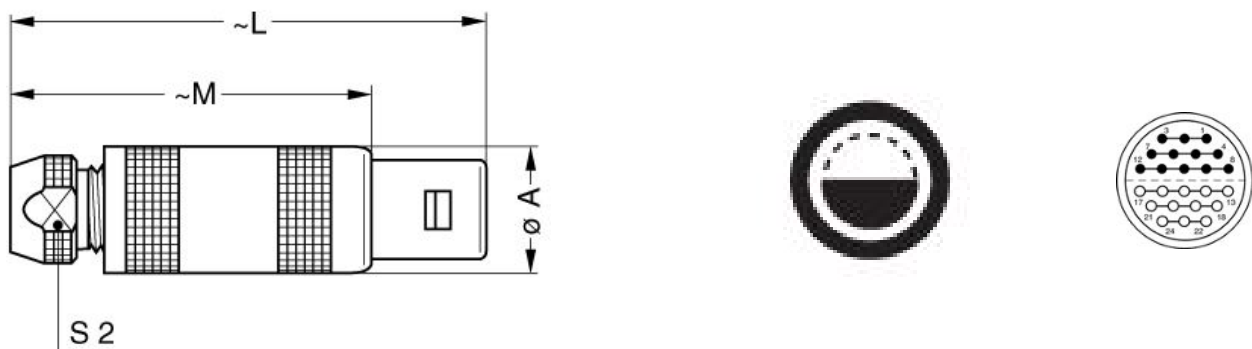
Bucket Dia.: 1.4 mm (0.055in)  
 Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)  
 Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
 R (max): 3.5 mOhm  
 Vtest: 2700 V (AC), 3900 V (DC)

## 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]  
 Salt Spray Corrosion: >144 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	35	103	78	29
in.	1,38	4,06	3,07	1,14

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# RECOMMENDED BY LEMO

## Tools

Caps: BFA.5S.100.NAS

## Cables

248 080	PVC	Grey	
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