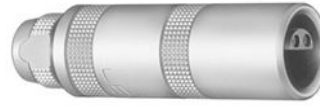


## SUMMARY

### # Wires

Low	0
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	5S
Termination type	Female solder
IP rating	50
Cable Ø	10.10 - 11.00 mm
Matching parts	
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 10.1 - 11 mm
Variant	

### Performance

Configuration	5S.250 : 1 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	45 Amps

### Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	5 mm (0.197in)
Vtest:	3000 V (AC), 4200 V (DC)
Impedance:	50 Ohm
VSWR:	1.02 + 2.3 * f/GHz

Cable type: RG 214 /U, RG 216 /U, RG 225 /U

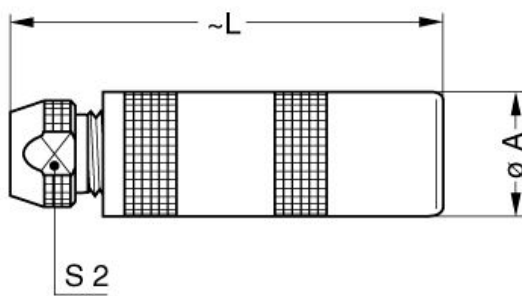
## Others

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

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## DRAWINGS

### Draws



### Dimensions

	A	L	S2
mm.	34.7	99	29
in.	1,37	3,90	1,14

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## RECOMMENDED BY LEMO

### Tools

None

### Cables

