

SUMMARY

Wires

Coax	1
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Image is for illustrative purpose only

Series	2S
Termination type	Female solder Coaxial
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	FFA.2S.250.CTAC52

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Circular, female
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	31.50 g

Performance

Configuration	2S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	15 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Contact Dia.:	2 mm (0.079in)
Bucket Dia.:	1.8 mm (0.071in)
Vtest:	3000 V (AC), 4200 V (DC)
Impedance:	50 Ohm
VSWR:	1.02 + 0.95 * f/GHz
Cable type:	RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

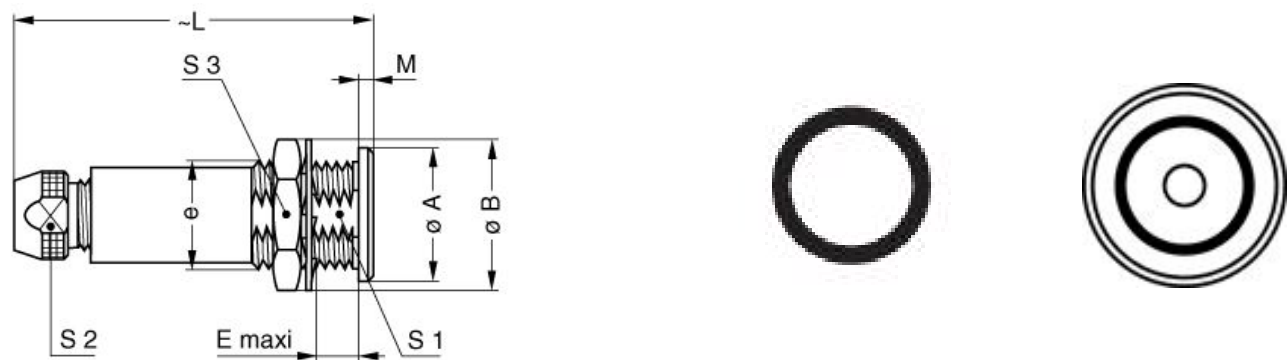
Others

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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

DRAWINGS

Draws



Dimensions

	A	B	C	E	L	M	S1	S2	S3	e
mm.	18	19.5	8.5	8.5	50	1.8	13.5	11	17	M15x1.0
in.	0.71	0.77	0.33	0.33	1.97	0.07	0.53	0.43	0.67	

RECOMMENDED BY LEMO

Tools

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

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Cables

158 480	PUR	Black	
158 490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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