

SUMMARY

Wires

Coax	1
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Image is for illustrative purpose only

Series	1E
Termination type	Male solder Coaxial
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	6.10 - 6.50 mm
Status	active
Matching parts	ERA.1E.250.CTL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	23.31 g

Performance

Configuration	1E.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1 mm (0.039in)
Vtest:	3000 V (AC), 4200 V (DC)
Impedance:	50 Ohm
VSWR:	1.01 + 0.23 * f/GHz
Cable type:	RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

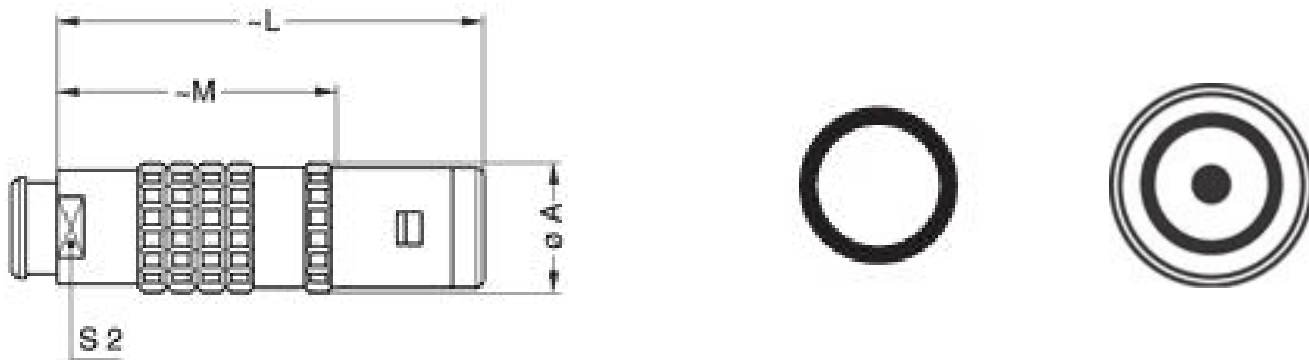
Others

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Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0.51	1.65	1.10	0.35

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.1E.008.PA090](#)
Caps: [BFA.1E.100.NAS](#)

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Cables

062 000	PVC	Black	
159 580	PVC	Black	
CCX.50.RG0.58AU61J	PVC	Yellow	
CCX.75.RG0.59BU62N	PVC	Black	
CCX.93.RG0.62AU62N	PVC	Black	

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