



Image for illustrative purpose only

Summary

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Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.00 - 33.60 mm
Size	5S
Suggested matching part	FFA.5S.250.CTAC72
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-250-ctl.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	5S.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	45 A
Impedance	50 Ohm
OHM	50
VSWR	$1.02 + 2.3 * f/\text{GHz}$
Vtest	3000 V (AC), 4200 V (DC)
Cable type	RG 214 /U, RG 216 /U, RG 225 /U
Contact Dia.	5 mm (0.197in)

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
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
Locking system	Push-pull
Keying	Circular, female
Colour	Grey
Weight	139.38 g

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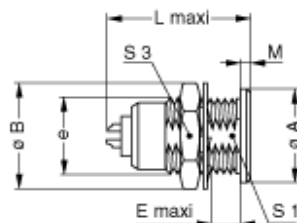
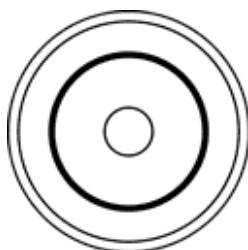
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Jacket cable outside diameter [mm]	5.00 - 33.60 mm
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Drawings



Dimensions

	A	B	e	E	L	M	S1
mm.	40	40	M35x1.0	15.5	45	3	33.5
in.	1.57	1.57		0.61	1.77	0.12	1.32

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Recommended By Lemo

Accessories

Compatible cap	BRE.5S.200.NAS
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