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Summary

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Nb of contacts Coax	1
Number of contacts Low Voltage	4
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.30 - 8.70 mm
Size	3S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-3s-804-cnlc82.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	3S.804 - 1 Coax (50 Ohm), 4 Low V.
Insulator	N: PBT (discontinued)
Rated current	10 A
Impedance	50 Ohm
Vtest	2100 V (AC), 3000 V (DC)
Vtest (contact-shell)	1200 V (AC), 1800 V (DC)
Number of contacts Low Voltage	4

Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey

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
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

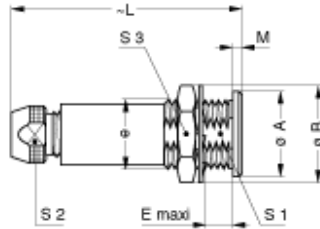
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	7.30 - 8.70 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	22	25.2	M18x1.0	11.5	59	2	16.5	14	22
in.	0.87	0.99		0.45	2.32	0.08	0.65	0.55	0.87

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