



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	2
Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 13.60 mm
Size	2S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ern-2s-702-cja.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Contact Termination High voltage	Solder
Insert configuration value	2S.702 - 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated current	6 A
Test voltage HV contact - Ue (kV rms)	6.3
Contact Type	Solder
Air clearance	10 mm
Creepage distance	10 mm
Number of contacts Low Voltage	2
Number of contacts High Voltage	1

Form & Material

Shell style / Model id	ERN - Fixed receptacle, nut fixing, with grounding tab
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 male pin 1
Colour	Grey
Weight	13.72 g

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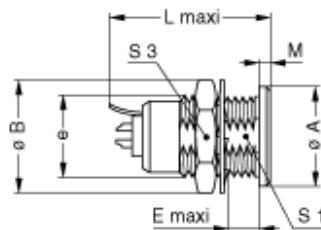
Environment

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
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]	1.00 - 13.60 mm
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Drawings



Dimensions

	A	B	e	E	L	M	S1	S3
mm.	18	19.5	M15x1.0	8.5	26.3	1.8	13.5	17
in.	0.71	0.77		0.33	1.04	0.07	0.53	0.67

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