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Summary

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Number of contacts Low Voltage	48
Wire Size/AWG	28 - 20
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.348.CLAC10
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-5s-348-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	48
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	5S.348 - 48 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage (kV DC)	1.8
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20

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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	141.01 g

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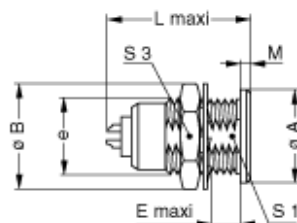
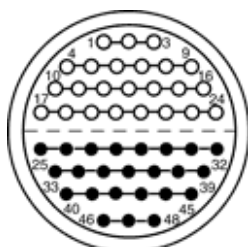
Environment

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](#)

Cables

Cable PartNumber	Material	Colour	Cable image
448240	PVC	Black	
448260	PVC	Black	

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