

[Standard](#)

Image for illustrative purpose only

Summary

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high voltage connector Y S E 05 LEMO

Number of contacts High Voltage	1
Wire Size/AWG	18 - 10
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M18
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3S
Suggested matching part	FFB.3S.405.CLAC11
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-3s-405-ctl.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3S.405 - 1 High Voltage
Insulator	T: PTFE
Rated current	15 A
Test voltage (kV DC)	10.5
Air clearance	12.8 mm
Creepage distance	12.9 mm
Contact Dia.	4 mm (0.157 in)
Wire Size/AWG	18 - 10

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	28.65 g
Panel Drill Hole	M18

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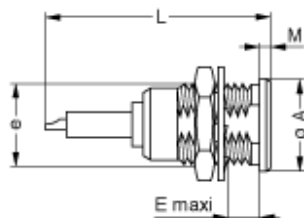
Environment

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.)
Climatic Category	55/175/21
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]	2.00 - 16.60 mm
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Drawings



Dimensions

	A	e	E	L	M
mm.	22	M18x1.0	11.5	42	2
in.	0.87		0.45	1.65	0.08

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Recommended By Lemo

Caps	
Compatible cap	BRE.3S.200.NAS
Cap 2	BRE.3S.200.NAV
Plastic Cap	BRA.3B.200.PCSG
Cap BRR	BRR.3S.200.PZVG
Soft Cap	BEZ.3B.200.SCN