



Summary

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Low Voltage	6
Wire Size/AWG	28 - 20
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Matching parts	ERA.2S.306.CLL
Series	S - Indoor Stepped Insert

Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-2s-306-clac62.html

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Electrical Configuration

Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2S.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 Amps
Vtest	1500 V (AC), 2100 V (DC)
Contact Type	Solder
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)
Low Voltage	6
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
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
Weight	32.57 g

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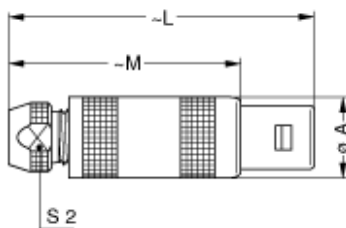
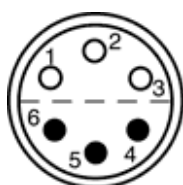
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection	IP50
Temp (min / max)	-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	>144 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

Drawings



Dimensions

	A	L	M	S2
mm.	14.8	52	40	11
in.	0.58	2.05	1.57	0.43






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Recommended By Lemo

Accessories	
Tools	
Spanner wrench	DCD.2S.ZZZ.PA110

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T20.062PGZE		grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
106220	PVC	Black	
12080	PVC	Grey	
160240	PVC	Black	
260250	PVC	Grey	