



Summary

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Number of contacts Low Voltage	7
Plug	Plug - Fixed
Locking system	Snap-on
Size	2E
Suggested matching part	PCA.2E.307.CLLC50
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/faa-2e-307-cla.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	2E.307 - 3 (1.3 mm) + 4 (0.9 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3x1.3 contacts : 12 Amps and 4x0,9 contacts: 9 A
Vtest	800 V (AC), 1200 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	7

Form & Material

Shell style / Model id	FAA - Fixed plug, non-latching, nut fixing
Plug	Fixed
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Snap-on
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Weight	41.25 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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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