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Summary

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Number of contacts Low Voltage	6
Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	3E
Suggested matching part	FFA.3E.806.CLAC503
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-3e-806-cllc503.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax - Screen fixing	Collet
Insert configuration value	3E.806 - 1 Coax (50 Ohm), 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Test voltage (kV DC)	1.2
Cable type	RG 179 B/U, RG 187 A/U

Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	88.38 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

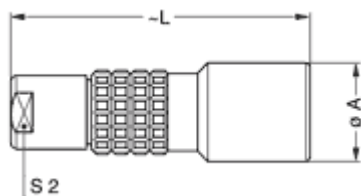
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

Drawings



Dimensions

	A	L	S2
mm.	23	65	15
in.	0.91	2.56	0.59

Recommended By Lemo

Accessories

Compatible cap [BRF.3K.200.NAS](#)

Tools

Spanner 2 [DCP.99.050.TC](#)

Spanner wrench [DCD.3E.ZZZ.PA150](#)

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