



## Summary

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Nb of contacts Coax	2
Number of contacts Low Voltage	16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3K
Suggested matching part	<a href="#">FGG.3K.856.CLAC111</a>
Series	K - Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/k-outdoor-keyed/egg-3k-856-cln.html](https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/egg-3k-856-cln.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Straight
Nb of contacts Coax	2
Contact Termination Coax	Crimp
R (max)	5.8 mOhm
Insert configuration value	3K.856 - 2 Coax (50 Ohm), 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	1
Contact Type	Coaxial 50 Ohm (PCB) Type C
Contact Dia.	0.7 mm (0.03in)
Number of contacts Low Voltage	16
Gender	Standard

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	69.2 g

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## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, 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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