

Standard



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Summary

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unipole multipole

Customer Drawing

Number of contacts Low Voltage	6
Wire Size/AWG	36 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	00
Suggested matching part	FGG.00.306.CLAD27Z FGG.00.306.CLAD35
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.5 A
Vtest (contact-contact)	0.6 kV (DC)
Vtest (contact-shell)	0.8 kV (DC)
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Wire Size/AWG	36 - 28
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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	2.59 g

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-00-306-cl1.html

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Environment

Environmental sealing (IP rating)	IP50
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

Recommended By Lemo

Accessories

Compatible cap	BRE.00.200.NAS
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Tools

Spanner	DCA.91.149.0TN
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