HGG.1B.305.CLNP

Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	1B
Suggested matching part	FGG.1B.305.CLAD42
Series	B - Indoor keyed

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	1B.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Vtest (contact-contact)	1250 V (AC), 1770 V (DC)
Vtest (contact-shell)	1150 V (AC), 1630 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	5
Gender	Standard

Form & Material

Shell style / Model id	HG - Fixed receptacle, nut fixing, watertight or vacuum-tight
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
Variant	Watertight unmated (connector to device)
Weight	13.48 g

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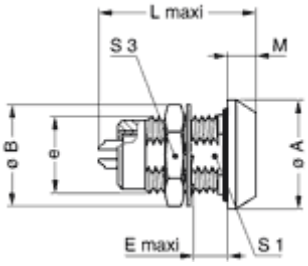
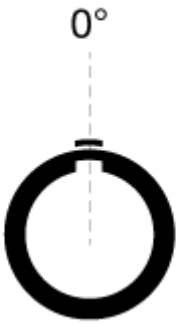
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +100°C
Climatical Category	20/80/21
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]
Pressure	60 bars
Salt Spray Corrosion	>1000 hr

Drawings





Dimensions

	e	A	B	E	L	M	S1	S3
mm.	M12x1.0	18	16	7	26.6	4.5	10.5	14
in.		0.71	0.63	0.28	1.05	0.18	0.41	0.55

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/hgg-1b-305-clnp.html
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Recommended By Lemo

Accessories	
Compatible cap	BRE.1S.200.NAS

Tools	
Spanner	DCA.91.201.4TN

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