HGG.1B.307.CLNP



Summary

Request a quote

Catalog

Number of contacts Low Voltage	7
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	1B
Matching parts	FGG.1B.307.CLAD42
Series	B - Indoor keyed

Technical details

Electrical Configuration

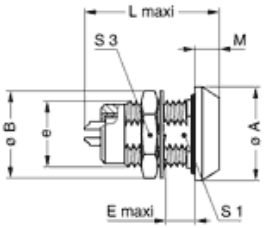
Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	1B.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Vtest (contact-contact)	950 V (AC), 1340 V (DC)
Vtest (contact-shell)	1050 V (AC), 1490 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	7
Gender	Standard

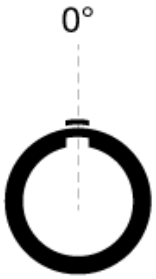
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Form & Material	
Shell style / Model id	HG - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Variant	Watertight unmated (connector to device)
Weight	13.62 g
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
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







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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

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