HHG.1B.310.KLLP





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Summary

Request a quote

Catalog	
	10
Number of contacts Low Voltage	10
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1B
Suggested matching part	FGG.1B.310.KLAD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

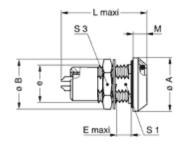
Contact Termination Low voltage R (max) 8.7 mOhm Insert configuration value Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 2 A Vtest (contact-contact) Vtest (contact-shell) Max. Solid Conductor 0.09 mm^2 (AWG 28) Max. Stranded Conductor 0.09 mm^2 (AWG 28) Bucket Dia. 0.45 mm (0.018in) Contact Dia. 0.5 mm (0.02in) Wire Size/AWG Gender Standard Shell style / Model id Socket / Receptacle Housing material Locking system Push-pull Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Black Variant Watertight unmated (connector to device)		
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Insert configuration value Insulator L: PEEK (UL 94 / V-0/1.5) Rated current 2 A Vtest (contact-contact) 1.3 kV (DC) Vtest (contact-shell) 2.1 kV (DC) Max. Solid Conductor 0.09 mm^2 (AWG 28) Max. Stranded Conductor 0.09 mm^2 (AWG 28) Bucket Dia. 0.45 mm (0.018in) Contact Dia. 0.5 mm (0.02in) Wire Size/AWG 34 - 28 Gender Standard Shell style / Model id HH - Fixed receptacle, nut fixing, watertight or vacuum-tight (watertight when mated) Socket / Receptacle Housing material Brass (black chrome) 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 Black Variant Watertight unmated (connector to device)	Contact Termination Low voltage	Solder
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Housing material 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 Black Variant Watertight unmated (connector to device)	Socket / Receptacle	Fixed Panel Front Mounted
Keying G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts) Colour Black Variant Watertight unmated (connector to device)	Housing material	plated [SAE AMS QQ N 290] brass latch sleeve and
Colour Black Variant Watertight unmated (connector to device)	Locking system	Push-pull
Variant Watertight unmated (connector to device)	Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
<u> </u>	Colour	Black
Weight 12.84 g	Variant	Watertight unmated (connector to device)
	Weight	12.84 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		
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		
Cable fixation			
Jacket cable outside diameter [mm]	1.00 - 10.60 mm		

Drawings







Dimensions

	A	В	е	E	L	М	S1	S 3
mm.	18	16	M12x1.0	7	29.7	5.2	10.5	14
in.	0.71	0.63		0.28	1.17	0.2	0.41	0.55

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T28.052PGZE		grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110280	PVC	Black	