HEG.1K.305.CLLP

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

Number of contacts Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M16
Jacket cable outside diameter [mm]	1.00 - 14.60 mm
Size	1K
Suggested matching part	FGG.1K.305.CLAC20
Series	K - Outdoor keyed

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Technical details

Electrical Configuration	
Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	1K.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	9 A
Test voltage contact-contact	1.8 kV DC
Test voltage contact-shell	1.7 kV DC
Max. Solid Conductor	0.34 mm² (AWG 22)
Max. Stranded Conductor	0.34 mm² (AWG 22)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material	
Shell style / Model id	HE - Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	22.26 g
Panel Drill Hole	M16

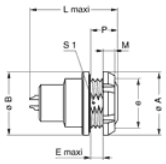
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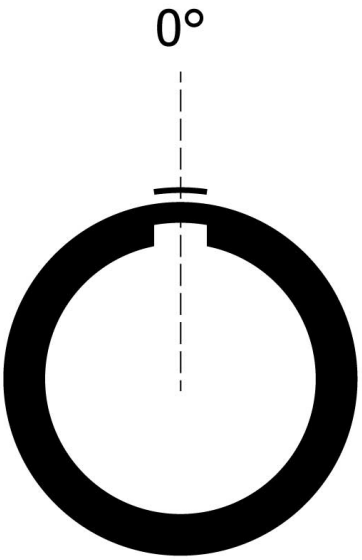
Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +100°C
Climatic Category	20/80/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	60 bars
Salt Spray Corrosion	>1000 hr
Cable fixation	
Jacket cable outside diameter [mm]	1.00 - 14.60 mm

Drawings

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Dimensions

	A	E	L	M	P	S1	B	e
mm.	20	6.2	30.6	3.5	10	14.5	20	M16x1.0
in.	0.79	0.24	1.2	0.14	0.39	0.57	0.79	

Recommended By Lemo

Caps	
Compatible cap	BRE.1K.200.NAS
Cap 2	BRE.1K.200.CAS
Tools	
Spanner 2	DCM.65.176.AZ6
Spanner wrench	Socket for torque wrench DCM.1E.M16.6

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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