

Standard



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Summary

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BKT series

Number of contacts Low Voltage	3
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	2K
Suggested matching part	PHG.2K.303.CLLC50
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	PCB - Straight
Insert configuration value	2K.303 - 3 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
Vtest (contact-contact)	3.5 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Contact Dia.	1.6
Gender	Standard

Form & Material

Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	40.82 g

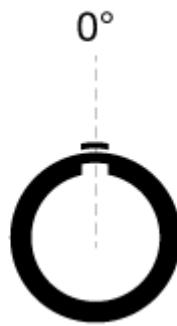
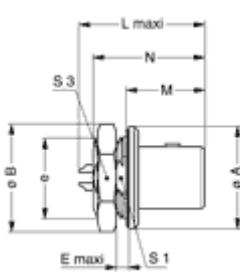
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
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]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings



Dimensions

	e	A	B	E	S3	S1	L	M	N
mm.	M20x1.0	25	27.5	4.5	24	18.5	33.6	18	28.3
in.		0.98	1.08	0.18	0.94	0.73	1.32	0.71	1.11

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CAD

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