

Special



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Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2K
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	PCB - Straight
R (max) - electrical contact resistance	6.1 mOhm
Insert configuration value	2K.312 - 12 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	7 A
Test voltage contact-contact	1.8 kV DC
Test voltage contact-shell	2 kV DC
Contact Dia.	0.7 mm (0.028 in)
Gender	Standard

Form & Material

Shell style / Model id	EA - Fixed receptacle with earthing tag, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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
Weight	34.87 g

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eag-2k-312-klm.html

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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	-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

Recommended By Lemo

Tools

Spanner 2	DCM.65.225.AZ6
Spanner wrench	Socket for torque wrench DCM.2E.M20.6

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