lumbergautomation
A BELDEN BRAND

Product: RKMEXS-8M-GS/A L

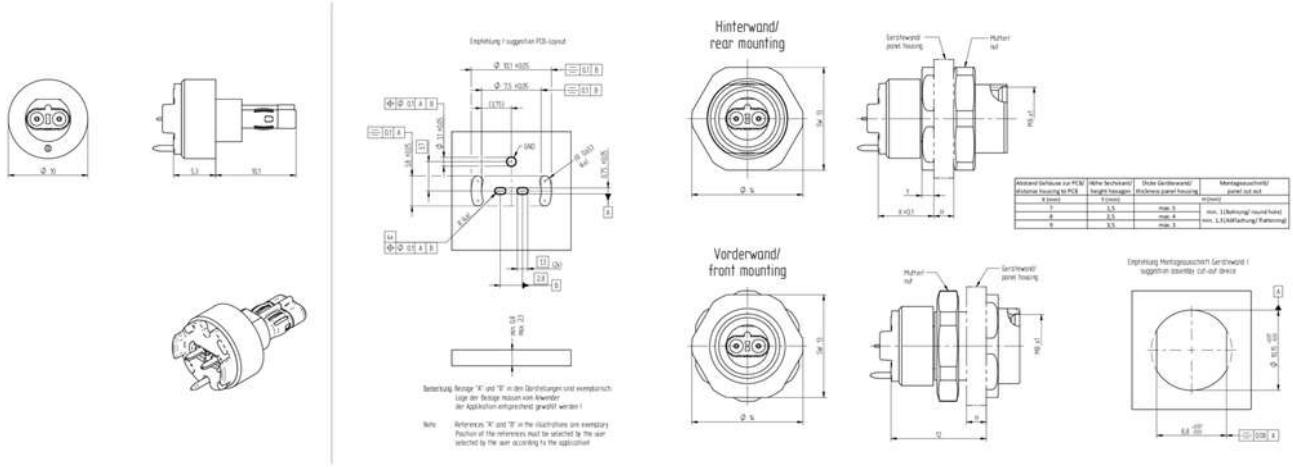


SPE M8 PCB insert, straight, 7/8/9 mm, soldering in plastic bag package

Product Description

SPE M8 PCB insert, straight, 7/8/9 mm, soldering in plastic bag package

Technical Drawing



Technical Specifications

Technical Data

Product Family:	SPE Receptacles
Product Sub Family:	SPE Receptacle M8 Insert
Connecting Side:	Soldering
Brand:	Lumberg Automation
Type of Contact / Gender:	Female
Connector Design:	Straight
Number of Pins:	2
Coding:	SPE-6J-M8
Shielding:	Shielded
Rated Voltage:	60 V
Rated Voltage (UL):	60 V AC/DC
Operating Voltage:	50 V AC / 60 V DC
Rated Current*:	4 A
Rated Current (UL)*:	4 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 5x10^8 Ohm
Testing Voltage Pin - Pin:	1 kV DC
Testing Voltage Pin - Shield:	2.25 kV DC
Transmission characteristics:	4 GHz
Data Rate:	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Mating Cycles:	≤ 100

Thread Plating:	Nickel-plated
Ambient Temperature (Operation)*:	- 40°C - +90°C
Operating Temperature (UL):	max. + 90 °C
Design Standard:	IEC 63171-6, IEEE 802.3bu (remote power supply over PoDL = Power over Data Line), IEEE 802.3cg (10BASE-T1)
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	Cu alloy
Contact Plating:	Cu/Au
Contact Bearer Material:	PA
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 V-0
O-Ring Material:	FKM

Approvals

UL:	UL 2238; cULus

Safety & Environmental Compliance

RoHS Compliant:	Yes
China RoHS-Compliant:	Yes

Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.

Variants

Item #	Item Description
935082001	RKMEXS-8M-GS/A L

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