

# Product: RK2EXS-LL-GS/A R ☑

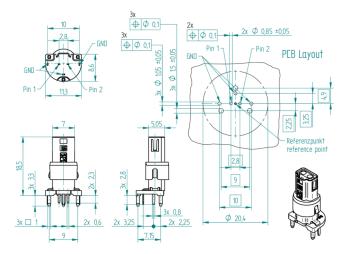


SPE M12 8 mm PCB insert, straight, soldering, in reel package

## **Product Description**

SPE M12 SPE 8 mm PCB insert, straight, soldering, in reel package

# **Technical Drawing**



# **Technical Specifications**

#### **Technical Data**

Technical Data		
Product Family:	SPE Receptacles	
Product Sub Family:	SPE Receptacle M12 Insert	
Connecting Side:	Soldering	
Brand:	Lumberg Automation	
Type of Contact / Gender:	Female	
Connector Design:	Straight	
Number of Pins:	2	
Shielding:	Shielded	
Rated Voltage:	60 V	
Operating Voltage:	50 V AC / 60 V DC	
Rated Current*:	4 A	
Contact Resistance:	≤ 20 mOhm	
Shielding Resistance:	≤ 100 mOhm	
Insulation Resistance:	> 5x10^8 Ohm	
Testing Voltage Pin - Pin:	1 kV DC	
Testing Voltage Pin - Shield:	2.25 kV DC	
Transmission characteristics:	600 MHz	
Data Rate:	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s	
Mating Cycles:	≥ 1000	
Thread Size:	M12 x 1	
Thread Plating:	Nickel-plated	

Ambient Temperature (Operation)*:	- 40°C - +85°C
Protection Degree / IP Rating**:	IP20
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)
Moisture Sensitivity Level (MSL):	1 acc. ECA/IPC/JEDEC J-STD-020D
Process Sensitivity Level (PSL):	R0 acc. ECA/IPC/JEDEC J-STD-020D

#### **Additional Technical Data**

Fastening Torque (Attachment):	M 12x1: 60 Ncm, hand-tight
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### 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.

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