

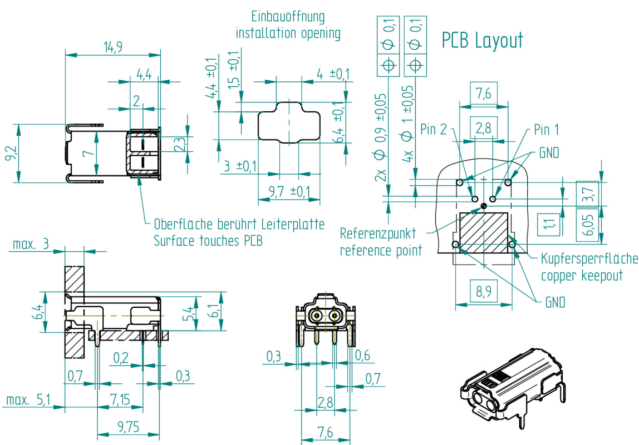


SPE T1 Industrial PCB insert, angled, soldering, in reel package

## Product Description

SPE T1 Industrial PCB THT Receptacles (Jack), angled, soldering, in reel package

## Technical Drawing



## Technical Specifications

## Technical Data

|                                   |   |
|-----------------------------------|---|
| Product Family:                   | SPE Receptacles   |
| Product Sub Family:               | SPE Receptacle T1 Industrial                                |
| Connecting Side:                  | Soldering   |
| Brand:                            | Lumberg Automation  |
| Type of Contact / Gender:         | Female  |
| Connector Design:                 | Angled  |
| Number of Pins:                   | 2   |
| Shielding:                        | Shielded  |
| Rated Voltage:                    | 60 V  |
| Operating Voltage:                | 50 V AC / 60 V DC   |
| Rated Current*:                   | 4 A   |
| Contact Resistance:               | ≤ 10 mOhm   |
| Insulation Resistance:            | > 5x10 <sup>8</sup> 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:                    | ≥ 1000  |
| 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   |

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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