

General ordering data

Order No. Part designation Version

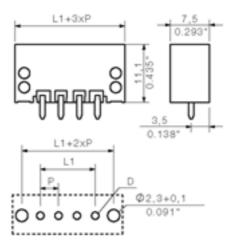
EAN Qty.

System parameters

Fitted to PCB Outgoing elbow Pitch Pitch in inch No. of poles Solder pin length Can be coded No. of rows No. of solder pins per pole Dia. of fitting hole Fitting hole tolerance L1 in mm L1 in inch Insulation resistance Electric shock protection to DIN VDE 0470 Electric shock protection to DIN VDE 0470

Material data

Insulating material Colour colour chart Insulating material group Flammability class UL 94 CTI Temperature of glow-wire test



1760962001 SL-SMT3.5/2/180F 1.5SN PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box 4032248131532 100 pc(s).

Reflow solder connection 180° 3.5 mm 0.138 inch 2 1.5 mm Yes 1 1 1.4 mm + 0.1 mm 3.5 mm 0.138 inch 1 MΩ IP 10 Safe from back-of-hand touch

LCP GF black Similar to RAL 9011 Illa V-0 >= 175 960 °C





| Material data | |
|--|-------------------|
| Duration of glow-wire test | 30 S |
| Contact base material | CuSn |
| Contact surface | tinned |
| Constant operating temp., min. | -25 °C |
| Constant operating temp., max. | 100 °C |
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 55 °C |
| Max. relative humidity during storage | 80 % |
| DIN IEC rating data | |
| Rated current, min. No. pins (Tu=20°C) | 15 A |
| Rated current, max. No. pins (Tu=20°C) | 12 A |
| Rated current, min. No. pins(Tu=40°C) | 13 A |
| Rated current, max. No. pins (Tu=40°C) | 10 A |
| Rated voltage for overvoltage class/pollution | 160 V |
| severity III/3 | |
| Rated impulse withstand voltage for overvoltage | 2.5 kV |
| class/pollution severity III/3 | |
| Rated voltage for overvoltage class/pollution | 160 V |
| severity III/2 | |
| Rated impulse withstand voltage for overvoltage | 2.5 kV |
| class/pollution severity III/2 | 220.1/ |
| Rated voltage for overvoltage class/pollution severity II/2 | 320 V |
| Rated impulse withstand voltage for overvoltage | 2.5 kV |
| class/pollution severity II/2 | |
| Short-time withstand current resistance | 3 x 1s with 100 A |
| CCA rating data | |
| CSA rating data Rated voltage (Use group D) | 300 V |
| Rated voltage (Use group D) Rated current (Use group D) | 10 A |
| | |
| UL 1059 rating data | |
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| | |

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Approvals

Approvals institutes





| Downloads | |
|---------------------------------------|-------------|
| CAD Library (P-CAD Format - Standard) | SL-SMT.LIB |
| | |
| Classifications | |
| ETIM 2.0 | NK |
| ETIM 3.0 | EC001284 |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 |
| | |

Similar products

| 1760972001 | SL-SMT3.5/3/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box |
|------------|-------------------------|---|
| 1760982001 | SL-SMT3.5/4/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box |
| 1760992001 | SL-SMT3.5/5/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box |
| 1761002001 | SL-SMT3.5/6/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box |
| 1761022001 | SL-SMT3.5/8/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box |
| 1761024001 | SL-SMT3.5/8/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Tape |
| 1761042001 | SL-SMT3.5/10/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box |
| 1761043001 | SL-SMT3.5/10/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Tray |
| 1761082001 | SL-SMT3.5/14/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box |
| 1761122001 | SL-SMT3.5/18/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box |
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| 1761123001 | SL-SMT3.5/18/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Tray |
|------------|-------------------------|---|
| 1761142001 | SL-SMT3.5/20/180F 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box |



