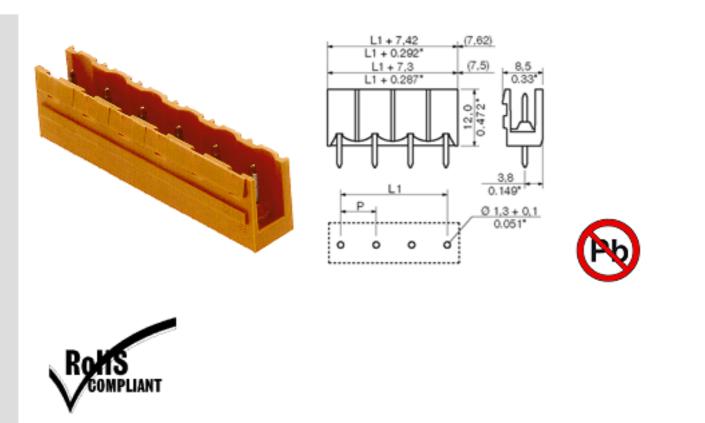
Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 7.50 / 7.62 mm (0.295 / 0.300 inch) | Plug connectors, solder connection, pitch 7.50/7.62 | SL 7.50-7.62/180 | SL 7.50/180



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 1629120000 SL 7.50/12/180 3.2SN OR PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 12, 180°, Box 4008190201920 50 pc(s).

| Soldered connection |
|---------------------|
| 180° |
| 7.5 mm |
| 0.295 inch |
| 12 |
| 3.2 mm |
| Yes |
| 1 |
| 1 |
| 1.3 mm |
| + 0.1 mm |
| 82.5 mm |
| 3.248 inch |
| 1 ΜΩ |



| System parameters | |
|---|---------------------------------|
| Electric shock protection to DIN VDE 0470 | Safe from finger touch, plugged |
| | |
| Material data | |
| Insulating material | PBT |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | Illa |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |
| 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) | 18.5 A |
| Rated current, max. No. pins (Tu=20°C) | 17 A |
| Rated current, min. No. pins(Tu=40°C) | 16 A |
| Rated current, max. No. pins (Tu=40°C) | 14.5 A |
| Rated voltage for overvoltage class/pollution | 500 V |
| severity III/3 | |
| Rated impulse withstand voltage for overvoltage | 6 kV |
| class/pollution severity III/3 | |
| Rated voltage for overvoltage class/pollution | 630 V |
| severity III/2 | |
| Rated impulse withstand voltage for overvoltage | 6 kV |
| class/pollution severity III/2 | |
| Rated voltage for overvoltage class/pollution | 800 V |
| severity II/2 | |
| Rated impulse withstand voltage for overvoltage | 6 kV |
| class/pollution severity II/2 | |
| Short-time withstand current resistance | 3 x 1s with 120 A |
| | |
| CSA rating data | |
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| | |
| UL 1059 rating data | 000.1/ |
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |



Approvals

Approvals institutes





| Downloads | |
|---------------------------------------|-------------|
| CAD Library (P-CAD Format - Standard) | SL.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

| 1629020000 | SL 7.50/2/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 2, 180°, Box |
|------------|-------------------------|---|
| 1629030000 | SL 7.50/3/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 3, 180°, Box |
| 1629040000 | SL 7.50/4/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 4, 180°, Box |
| 1629050000 | SL 7.50/5/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 5, 180°, Box |
| 1629060000 | SL 7.50/6/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 6, 180°, Box |
| 1629070000 | SL 7.50/7/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 7, 180°, Box |
| 1629080000 | SL 7.50/8/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 8, 180°, Box |
| 1629090000 | SL 7.50/9/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 9, 180°, Box |
| 1629100000 | SL 7.50/10/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 10, 180°, Box |
| 1629110000 | SL 7.50/11/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 11, 180°, Box |
| | | |

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