

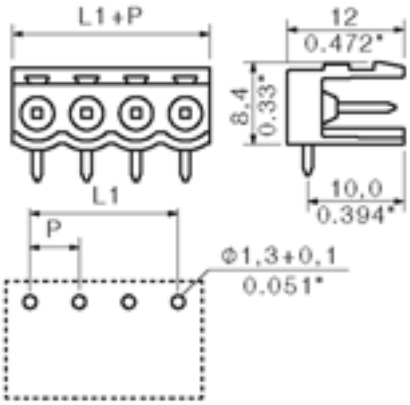


| General ordering data | |
|---|---|
| Order No. | 1571140000 |
| Part designation | SL 5.00/3/90 3.2SN OR |
| Version | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 3, 90°, Box |
| EAN | 4008190167202 |
| Qty. | 100 pc(s). |

| System parameters | |
|---|---|
| Fitted to PCB | Soldered connection |
| Outgoing elbow | 90° |
| Pitch | 5 mm |
| Pitch in inch | 0.197 inch |
| No. of poles | 3 |
| Solder pin length | 3.2 mm |
| Can be coded | Yes |
| No. of rows | 1 |
| No. of solder pins per pole | 1 |
| Dia. of fitting hole | 1.3 mm |
| Fitting hole tolerance | + 0.1 mm |
| L1 in mm | 10 mm |
| L1 in inch | 0.394 inch |
| Insulation resistance | 1 MΩ |

| System parameters | |
|---|---|
| Electric shock protection to DIN VDE 0470 | IP20 plugged |
| 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 | IIIa |
| 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 A |
| Rated current, max. No. pins (Tu=20°C) | 14.5 A |
| Rated current, min. No. pins(Tu=40°C) | 15 A |
| Rated current, max. No. pins (Tu=40°C) | 12 A |
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated voltage for overvoltage class/pollution severity II/2 | 400 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |
| 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 | |
|---|---|
| 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

| Order No. | Part designation | Version |
|---|---|---|
| 1571130000 | SL 5.00/2/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 2, 90°, Box |
| 1571150000 | SL 5.00/4/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 90°, Box |
| 1571160000 | SL 5.00/5/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 5, 90°, Box |
| 1571170000 | SL 5.00/6/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 90°, Box |
| 1571180000 | SL 5.00/7/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 7, 90°, Box |
| 1571190000 | SL 5.00/8/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 8, 90°, Box |
| 1571210000 | SL 5.00/10/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 10, 90°, Box |
| 1571220000 | SL 5.00/11/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 11, 90°, Box |
| 1571110000 | SL 5.00/12/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 90°, Box |
| 1571230000 | SL 5.00/13/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 13, 90°, Box |

| | | |
|---|---|---|
| 1571240000 | SL 5.00/14/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 14, 90°, Box |
| 1571250000 | SL 5.00/15/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 15, 90°, Box |
| 1571260000 | SL 5.00/16/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 16, 90°, Box |
| 1571270000 | SL 5.00/17/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 17, 90°, Box |
| 1571280000 | SL 5.00/18/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 90°, Box |
| 1625990000 | SL 5.00/2/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 2, 90°, Box |
| 1571200000 | SL 5.00/9/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 90°, Box |
| 1571300000 | SL 5.00/20/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 20, 90°, Box |
| 1571310000 | SL 5.00/21/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 21, 90°, Box |
| 1571320000 | SL 5.00/22/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 22, 90°, Box |
| 1571330000 | SL 5.00/23/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 23, 90°, Box |
| 1571340000 | SL 5.00/24/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 90°, Box |
| 1571290000 | SL 5.00/19/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 19, 90°, Box |
| 1626080000 | SL 5.00/12/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 90°, Box |
| 1626070000 | SL 5.00/11/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 11, 90°, Box |
| 1626050000 | SL 5.00/9/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 90°, Box |
| 1626040000 | SL 5.00/8/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 8, 90°, Box |
| 1626020000 | SL 5.00/5/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 5, 90°, Box |
| 1626010000 | SL 5.00/4/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 90°, Box |
| 1596180000 | SL 5.00/6/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 90°, Box |
| 1626000000 | SL 5.00/3/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 3, 90°, Box |
| 1626060000 | SL 5.00/10/90 4.5SN SW | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 10, 90°, Box |