



#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 1391260000  |
| Part designation | SLAD 38/90B 3.2SN OR  |
| Version          | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 38, 90°, Box |
| EAN              | 4008190094294   |
| Qty.             | 10 pc(s).   |

#### System parameters

|                             |                     |
|-----------------------------|---------------------|
| Fitted to PCB               | Soldered connection |
| Outgoing elbow              | 90°                 |
| Pitch                       | 5.08 mm             |
| Pitch in inch               | 0.2 inch            |
| No. of poles                | 38                  |
| Solder pin length           | 3.2 mm              |
| Can be coded                | Yes                 |
| No. of rows                 | 2                   |
| No. of solder pins per pole | 1                   |
| Dia. of fitting hole        | 1.3 mm              |
| Fitting hole tolerance      | + 0.1 mm            |
| L1 in mm                    | 91.44 mm            |
| L1 in inch                  | 3.6 inch            |
| Insulation resistance       | 1 MΩ                |

#### System parameters

Electric shock protection to DIN VDE 0470      Safe from back-of-hand touch, plugged

#### Material data

|                                       |                     |
|---------------------------------------|---------------------|
| Insulating material                   | PBT GF              |
| 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.        | 120 °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)   | 10 A             |
| Rated current, max. No. pins (Tu=20°C)   | 7 A              |
| Rated current, min. No. pins (Tu=40°C)   | 8.5 A            |
| Rated current, max. No. pins (Tu=40°C)   | 6 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 70 A |

#### CSA rating data

|                             |       |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 7 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) SLAD.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   |
|------------|------------------------|---|
| 1320660000 | SLAD 4/90B 3.2SN OR    | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box  |
| 1320760000 | SLAD 6/90B 3.2SN OR    | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box  |
| 1388560000 | SLAD 8/90B 3.2SN OR    | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box  |
| 1388660000 | SLAD 10/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box |
| 1388760000 | SLAD 12/6/90B 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box |
| 1388860000 | SLAD 14/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 14, 90°, Box |
| 1388960000 | SLAD 16/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box |
| 1389060000 | SLAD 18/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box |
| 1389160000 | SLAD 20/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box |
| 1389260000 | SLAD 22/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box |

|            |                        |   |
|------------|------------------------|---|
| 1389360000 | SLAD 24/6/90B 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box |
| 1390660000 | SLAD 26/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 26, 90°, Box |
| 1390760000 | SLAD 28/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 28, 90°, Box |
| 1390860000 | SLAD 30/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 30, 90°, Box |
| 1390960000 | SLAD 32/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 32, 90°, Box |
| 1391060000 | SLAD 34/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 34, 90°, Box |
| 1391160000 | SLAD 36/6/90B 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 36, 90°, Box |
| 1391360000 | SLAD 40/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 40, 90°, Box |
| 1391460000 | SLAD 42/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 42, 90°, Box |
| 1391560000 | SLAD 44/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 44, 90°, Box |
| 1391660000 | SLAD 46/90B 3.2SN OR   | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 46, 90°, Box |
| 1391760000 | SLAD 48/6/90B 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 48, 90°, Box |