



#### General ordering data

|                  |   |
|------------------|---|
| Material number  | 1605580000  |
| Part designation | SL 5.08/07/135B 3.2SN OR BX   |
| Version          | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 7, 135°, Box |
| EAN              | 4008190171940   |
| Qty.             | 50 pc(s).   |
| Packaging        | Box   |

#### System parameters

|   |  |
|---|--|
| Fitted to PCB                               | Solder connection                                |
| Outgoing elbow                              | 135°   |
| Pitch in mm                                 | 5.08 mm  |
| Pitch in inch                               | 0.2 inch   |
| No. of poles                                | 7  |
| Solder pin length                           | 3.2 mm   |
| Can be coded                                | Yes  |
| No. of rows                                 | 1  |
| Number of solder pins per pole              | 1  |
| Diameter of fixing-hole                     | 1.3 mm   |
| Fitting hole tolerance                      | + 0,1 mm   |
| L1 in mm                                    | 30.48 mm   |
| L1 in inch                                  | 1.2 inch   |
| Insulation resistance                       | $10^3 \Omega$                                    |
| Electric shock protection to DIN VDE 57 106 | Finger-safe plugged/ back-of-hand-safe unplugged |

#### Material data

|                           |                     |
|---------------------------|---------------------|
| Insulating material       | PBT                 |
| Colour                    | Orange              |
| colour chart              | Similar to RAL 2000 |
| Insulating material group | IIIa                |
| Flammability class UL 94  | V-0                 |
| CTI                       | $\geq 200$          |

#### Material data

|  |        |
|--|--------|
| Contact material                               | CuSn   |
| Contact surface                                | tinned |
| Highest continuous operating temperature, min. | -25 °C |
| Highest continuous operating temperature, 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. of poles (Tu=20°C)                                     | 17 A              |
| Rated current, max. No. of poles (Tu=20°C)                                     | 13 A              |
| Rated current, no. of poles (Tu=40°C), min.                                    | 15 A              |
| Rated current, no. of poles (Tu=40°C), max.                                    | 11 A              |
| Rated voltage at overvoltage category/pollution degree 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 B) | 300 V |
| Rated current (use group B) | 15 A  |
| Rated voltage (use group D) | 300 V |
| Rated current (use group D) | 10 A  |

#### UL 1059 rating data

|                             |       |
|-----------------------------|-------|
| Rated voltage (use group B) | 300 V |
| Rated current (use group B) | 15 A  |
| Rated voltage               | 300 V |
| Rated current               | 10 A  |

#### Approvals

|                      |                         |
|----------------------|-------------------------|
| Approvals institutes | CSA; GOSTME25; UR; ROHS |
|----------------------|-------------------------|

#### Classifications

|            |             |
|------------|-------------|
| ETIM30     | EC001284    |
| eClass 4.1 | 27-26-07-01 |
| eClass 5.0 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 |
| eClass 6.0 | 27-26-07-04 |

#### Notes

Notes

Notes

**Similar products**

| Order No.  | Part designation            | Version  |
|------------|-----------------------------|--|
| 1605530000 | SL 5.08/02/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 2, 135°, Box  |
| 1605540000 | SL 5.08/03/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 3, 135°, Box  |
| 1605550000 | SL 5.08/04/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 4, 135°, Box  |
| 1605560000 | SL 5.08/05/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 5, 135°, Box  |
| 1605570000 | SL 5.08/06/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 6, 135°, Box  |
| 1605590000 | SL 5.08/08/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 8, 135°, Box  |
| 1605600000 | SL 5.08/09/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 9, 135°, Box  |
| 1605610000 | SL 5.08/10/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 10, 135°, Box |
| 1605620000 | SL 5.08/11/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 11, 135°, Box |
| 1605630000 | SL 5.08/12/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 12, 135°, Box |
| 1605640000 | SL 5.08/13/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 13, 135°, Box |
| 1605650000 | SL 5.08/14/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 14, 135°, Box |
| 1605660000 | SL 5.08/15/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 15, 135°, Box |
| 1605670000 | SL 5.08/16/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 16, 135°, Box |
| 1605680000 | SL 5.08/17/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 17, 135°, Box |
| 1605690000 | SL 5.08/18/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 18, 135°, Box |
| 1605700000 | SL 5.08/19/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 19, 135°, Box |
| 1605710000 | SL 5.08/20/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 20, 135°, Box |
| 1605720000 | SL 5.08/21/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 21, 135°, Box |
| 1605730000 | SL 5.08/22/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 22, 135°, Box |
| 1605740000 | SL 5.08/23/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 23, 135°, Box |
| 1605750000 | SL 5.08/24/135B 3.2SN OR BX | PCB plug-in connector, male connection, Solder connection, Pitch in mm: 5.08 mm, No. of poles: 24, 135°, Box |