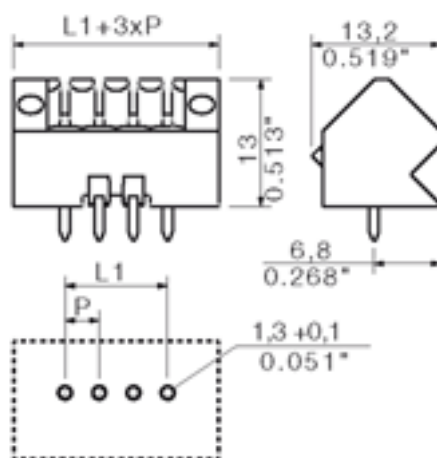
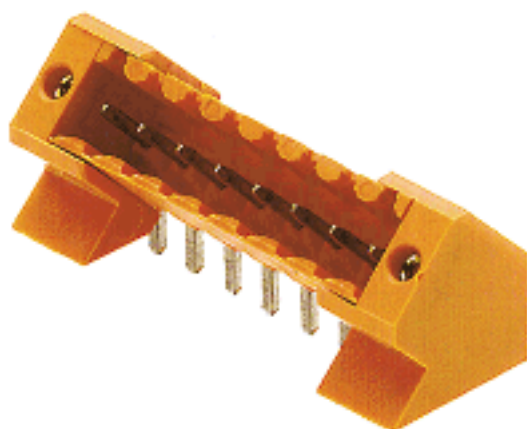




#### General ordering data

|                  |                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------|
| Order No.        | 1643360000                                                                                              |
| Part designation | SL 3.5/05/135F 3.2 SN OR BX                                                                             |
| Version          | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 5, 135°, Box |
| EAN              | 4008190282127                                                                                           |
| Qty.             | 50 pc(s).                                                                                               |

#### System parameters

|                             |                     |
|-----------------------------|---------------------|
| Fitted to PCB               | Soldered connection |
| Outgoing elbow              | 135°                |
| Pitch                       | 3.5 mm              |
| Pitch in inch               | 0.138 inch          |
| No. of poles                | 5                   |
| 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                    | 14 mm               |
| L1 in inch                  | 0.551 inch          |
| Insulation resistance       | 1 MΩ                |

#### System parameters

|                                           |                              |
|-------------------------------------------|------------------------------|
| Electric shock protection to DIN VDE 0470 | IP 10                        |
| Electric shock protection to DIN VDE 0470 | Safe from back-of-hand touch |

#### Material data

|                                       |                     |
|---------------------------------------|---------------------|
| Insulating material                   | PBT                 |
| Colour                                | orange              |
| colour chart                          | Similar to RAL 2000 |
| Insulating material group             | IIIa                |
| Flammability class UL 94              | V-0                 |
| CTI                                   | $\geq 200$          |
| 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)                                         | 11 A              |
| Rated current, min. No. pins (Tu=40°C)                                         | 13 A              |
| Rated current, max. No. pins (Tu=40°C)                                         | 9 A               |
| Rated voltage for overvoltage class/pollution severity III/3                   | 160 V             |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 2.5 kV            |
| Rated voltage for overvoltage class/pollution severity III/2                   | 160 V             |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 2.5 kV            |
| Rated voltage for overvoltage class/pollution severity II/2                    | 320 V             |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 2.5 kV            |
| Short-time withstand current resistance                                        | 3 x 1s with 100 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                                                                                                  |
|------------|-----------------------------|----------------------------------------------------------------------------------------------------------|
| 1643330000 | SL 3.5/02/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 2, 135°, Box  |
| 1643340000 | SL 3.5/03/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 3, 135°, Box  |
| 1643350000 | SL 3.5/04/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 4, 135°, Box  |
| 1643370000 | SL 3.5/06/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 135°, Box  |
| 1643380000 | SL 3.5/07/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 7, 135°, Box  |
| 1643390000 | SL 3.5/08/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 135°, Box  |
| 1643400000 | SL 3.5/09/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 9, 135°, Box  |
| 1643410000 | SL 3.5/10/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 135°, Box |
| 1643420000 | SL 3.5/11/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 11, 135°, Box |
| 1643430000 | SL 3.5/12/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 135°, Box |

|            |                             |                                                                                                          |
|------------|-----------------------------|----------------------------------------------------------------------------------------------------------|
| 1643440000 | SL 3.5/13/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 13, 135°, Box |
| 1643450000 | SL 3.5/14/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 135°, Box |
| 1643460000 | SL 3.5/15/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 15, 135°, Box |
| 1643470000 | SL 3.5/16/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 135°, Box |
| 1643480000 | SL 3.5/17/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 17, 135°, Box |
| 1643490000 | SL 3.5/18/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 135°, Box |
| 1643500000 | SL 3.5/19/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 19, 135°, Box |
| 1643510000 | SL 3.5/20/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 135°, Box |
| 1643520000 | SL 3.5/21/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 21, 135°, Box |
| 1643530000 | SL 3.5/22/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 135°, Box |
| 1643540000 | SL 3.5/23/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 23, 135°, Box |
| 1643550000 | SL 3.5/24/135F 3.2 SN OR BX | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 135°, Box |