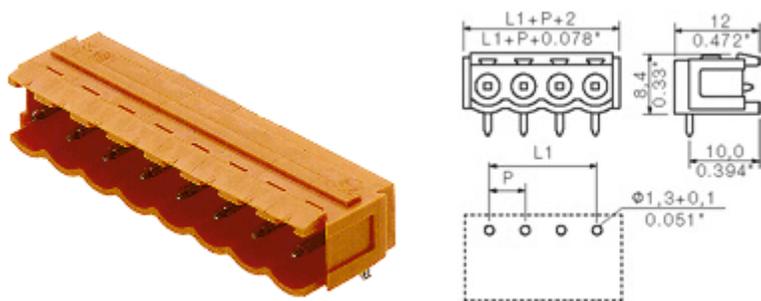


SL 5.08/04/90B 3.2SN OR BX

View with Tabs | [List View](#)

General ordering data

| | |
|--------------|---|
| Order No. | 1510560000 |
| Type | SL 5.08/04/90B 3.2SN OR BX |
| Version | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length: 3.2 mm, tinned, orange, Box |
| Product data | IEC: 400 V / 18 A UL: 300 V / 15 A |
| EAN | 4008190046842 |
| Qty. | 100 pc(s). |
| Packaging | Box |

System parameters

| | |
|--------------------------------|-------------------|
| Fitted to PCB | Solder connection |
| Outgoing elbow | 90° |
| Pitch in mm | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 4 |
| Solder pin length | 3.2 mm |
| Can be coded | Yes |
| No. of rows | 1 |
| Number of solder pins per pole | 1 |

| | |
|---|---------------------------------|
| Diameter of solder eyelet | 1.3 mm |
| Tolerance of the diameter of the solder eyelet | + 0,1 mm |
| L1 in mm | 15.24 mm |
| L1 in inch | 0.6 inch |
| Insulation resistance | 10 ³ Ω |
| Electric shock protection to DIN VDE 0470 | IP20 plugged |
| Electric shock protection to DIN VDE 57 106 | Safe from finger touch, plugged |

Material data

| | |
|---|--------|
| Insulating material | PBT |
| Colour | orange |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | ≥ 200 |
| Contact material | CuSn |
| Contact surface | tinned |
| Highest continuous operating temperature, min. | -25 °C |
| Highest continuous operating temperature, max. | 100 °C |
| Max. relative humidity during storage | 80 % |

DIN IEC rating data

| | |
|---|--------|
| Rated current, min. No. of poles (Tu=20°C) | 18 A |
| Rated current, max. No. of poles (Tu=20°C) | 14.5 A |
| Rated current, no. of poles (Tu=40°C), min. | 15 A |
| Rated current, no. of poles (Tu=40°C), max. | 12 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 (use group D) | 300 V |
| Rated current (use group D) | 10 A |

Notes

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Classifications

| | |
|-----------------|-------------|
| ETIM 3.0 | EC001284 |
| ETIM 4.0 | EC002637 |
| UNSPSC | 30-21-18-10 |

| | |
|------------|-------------|
| eClass 4.1 | 27-26-07-01 |
| eClass 5.1 | 27-26-07-04 |
| eClass 6.0 | 27-26-07-04 |

Downloads

| | |
|---------------------------------------|---------------|
| CAD Library (P-CAD Format - ASCII) | SL.LIA |
| CAD Library (P-CAD Format - Standard) | SL.LIB |

Approvals



Approvals



Similar products

No. of poles

Solder pin length

Order No.

Type

Version

Products on request