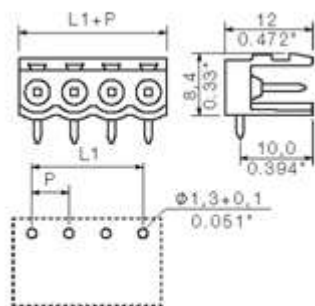


SL 5.08/02/90 3.2SN OR BX

View with Tabs | [List View](#)

## General ordering data

Order No.	1508060000
Type	SL 5.08/02/90 3.2SN OR BX
Version	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, orange, Box
Product data	IEC: 400 V / 18 A UL: 300 V / 15 A
EAN	4008190189006
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	2
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	5.08 mm
L1 in inch	0.2 inch
Insulation resistance	10 <sup>3</sup> 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.LI A
CAD Library (P-CAD Format - Standard)	SL.LI B

#### Approvals



#### Approvals



#### Similar products

No. of poles

Solder pin length

Order No.

Type

Version

Products on request