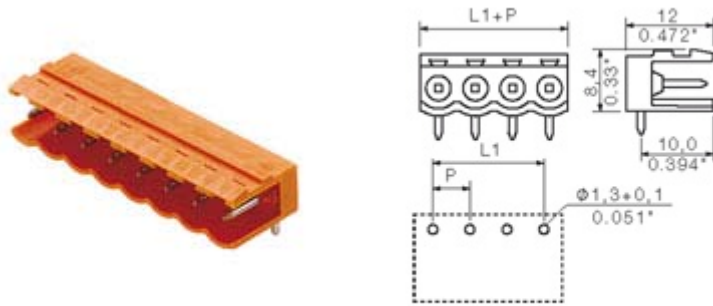


SL 5.08/02/90 3.2SN OR BX

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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 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

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