

## OMNIMATE Signal - series BL/SL 5.08 SL-SMT 5.08/06/270GL 3.2SN BK BX

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High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

Type	SL-SMT 5.08/06/270GL 3.2SN BK BX
Order No.	<a href="#">1877530000</a>
Version	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 6, 270°, Solder pin length (l): 3.2 mm, tinned, Black, Box
GTIN (EAN)	4032248468157
Qty.	50 pc(s).
Product data	IEC: 400 V / 19 A UL: 300 V / 15 A
Packaging	Box

Erstellungs-Datum January 16, 2014 11:43:13 AM CET

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**Technische Daten****Dimensions and weights**

Net weight 3.32 g

**System parameters**

Product family	OMNIMATE Signal - series BL/SL 5.08	Mounting onto the PCB	Reflow solder connection
Outgoing elbow	270°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	6
Solder pin length (l)	3.2 mm	Pin dimensions	d = 1.2 mm, Octagonal
Can be coded	Yes	Number of solder pins per pole	1
Solder eyelet hole diameter (D)	1.4 mm	Solder eyelet hole diameter tolerance (D)+	0,1 mm
L1 in mm	25.4 mm	L1 in inches	1 inch


**Material data**

Insulating material	LCP GF	Colour	Black
Insulating material group	IIla	UL 94 flammability rating	V-0
CTI	≥ 175	Contact material	CuSn
Coating	1-3 µm Ni, 5-7 µm SN	Contact surface	tinned
Max. relative humidity during storage	80 %		


**DIN IEC rating data**

Rated current, min. no. of poles (Tu=20°C)	19 A	Rated current, max. no. of poles (Tu=20°C)	15 A
Rated current, number of poles (Tu=40°C), min	16 A	Rated current, number of poles (Tu=40°C), max.	13 A
Rated voltage for surge voltage class pollution degree III/3	250 V	Rated impulse voltage for surge voltage classcontamination degree III/3	4 kV
Rated voltage for surge voltage class pollution degree III/2	320 V	Rated impulse voltage for surge voltage classpollution degree III/2	4 kV
Rated voltage for surge voltage class pollution degree II/2	400 V	Rated impulse voltage for surge voltage classpollution degree II/2	4 kV

**CSA rating data**

Institute (CSA)		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**

Institute (UR)		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		

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## Technische Daten

### Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-04	eClass 6.2	27-26-07-04
eClass 7.1	27-44-04-02		

### Notes

- Notes
- Gold-plated contact surfaces on request
  - Rated current related to rated cross-section & min. No. of poles.
  - P on drawing = 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.

### Approvals

Approvals



ROHS

Conform