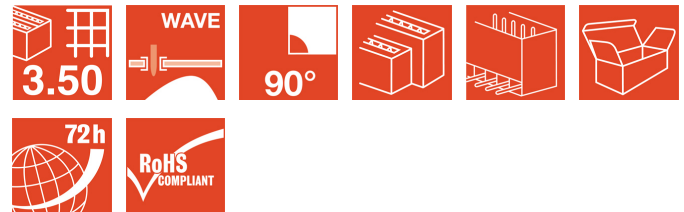


B2L/S2L 3.50 - 2-row series
S2L 3.50/06/90G 3.5SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com



Angled, two-tier pin header available as closed-sided or with flange (open-sided pin headers on request). Pin headers with 3.5mm pins are designed for wave soldering and are packaged in a box. They can be screwed on to the PCB. The pin headers provide space for labelling and can be coded.

- 80 V (IEC) / 150 V (UL)
- 9 A (IEC) / 8 A (UL)

General ordering data

Order No.	1727830000
Type	S2L 3.50/06/90G 3.5SN OR BX
Version	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 6, 90°, Solder pin length (l): 3.5 mm, tinned, Orange, Box
Product data	IEC: 250 V / 10 A UL: 150 V / 10 A
GTIN (EAN)	4032248045242
Qty.	50 pc(s).
Packaging	Box

Creation date March 13, 2012 10:38:09 AM CET

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Technical data
System parameters

Product family	B2L/S2L 3.50 - 2-row series	Mounting onto the PCB	Solder connection
Outgoing elbow	90°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	6
Solder pin length (l)	3.5 mm	Pin dimensions	d = 1.0 mm, Octagonal
Can be coded	Yes	Number of rows	1
Number of solder pins per pole	1	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)	+ 0,1 mm	L1 in mm	7 mm
L1 in inches	0.276 inch	Touch-safe protection acc. to DIN VDE 0470 IP 10	
Touch-safe protection acc. to DIN VDE 57 106	Safe from back-of-hand touch		

Material data

Insulating material	PBT	Colour	Orange
Insulating material group	IIIa	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C	Max. relative humidity during storage	93 %


DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	10 A	Rated current, max. no. of poles (Tu=20°C)	10 A
Rated current, number of poles (Tu=40°C), min	9 A	Rated current, number of poles (Tu=40°C), max.	8.5 A
Rated voltage for surge voltage class / pollution degree III/3	80 V	Rated impulse voltage for surge voltage class/ contamination degree III/3	2.5 kV
Rated voltage for surge voltage class / pollution degree III/2	125 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	2.5 kV
Rated voltage for surge voltage class / pollution degree II/2	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 77 A		

CSA rating data

Institute (CSA)		Rated voltage (Use group B)	150 V
Rated current (use group B)	5 A		

UL 1059 rating data

Institute (UR)		Rated voltage (use group B)	150 V
Rated current (use group B)	10 A	Rated voltage (use group C)	50 V
Rated current (use group C)	10 A		

Classifications

ETIM 4.0	EC002637	UNSPSC	30-21-18-10
eClass 4.1	27-26-07-01	eClass 5.1	27-26-07-01
eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02

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Technical data**Notes**

- Notes
- Additional colours on request
 - Gold-plated contact surfaces on request
 - Spacing between rows: see hole layout
 - 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.

Approvals

Approvals

**Downloads**CAD Library (P-CAD Format - ASCII) [S2L-SMT.LIA](#)CAD Library (P-CAD Format - Standard) [S2L-SMT.LIB](#)[3-D model](#)

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Drawings