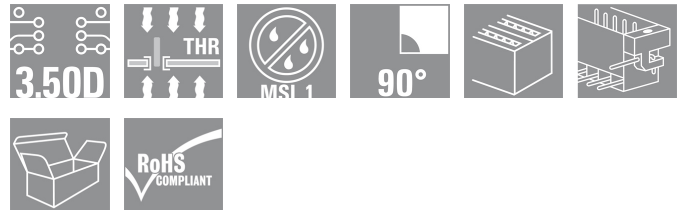


Series B2C/S2C 3.50 - 2-row
S2C-SMT 3.50/16/90LF 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



Touch-safe male header is resistant to high temperatures

- Can be plugged into female plug B2CF 3.50 PUSH IN
- Plugging direction parallel to PCB (recumbent)
- Housing variants: closed (G) and with solder flange (LF)
- Packaged in cardboard box (BX)
- Suitable for reflow and wave soldering applications
- Pin length of either 1.5 mm or 3.2 mm

General ordering data

Order No.	1289510000
Type	S2C-SMT 3.50/16/90LF 3.2SN BK BX
Version	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box
GTIN (EAN)	4050118082029
Qty.	48 pc(s).
Product data	IEC: 200 V / 13.4 A UL: 150 V / 10 A
Packaging	Box

Creation date October 10, 2012 8:31:59 AM CEST

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Technical data
Dimensions and weights

Net weight 11.2 g

System parameters

Product family		Mounting onto the PCB	
Series B2C/S2C 3.50 - 2-row		Reflow solder connection	
Outgoing elbow	90°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	16
Solder pin length (l)	3.2 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	24.5 mm
L1 in inches	0.965 inch	Touch-safe protection acc. to DIN VDE 0470	IP 20
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	LCP GF	Colour	Black
Insulating material group	IIIb	UL 94 flammability rating	V-0
CTI	≥ 175	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	120 °C	Max. relative humidity during storage	93 %

DIN IEC rating data

Rated current, min. no. of poles (TU=20°C)	13.4 A	Rated current, number of poles (Tu=40°C), min	12 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	160 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	200 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 80 A		

CSA rating data

Rated voltage (Use group B)	150 V	Rated current (use group B)	10 A
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UL 1059 rating data

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

eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02
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Technical data**Notes**

Notes

- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Spacing between rows: see hole layout
- Specifications of diagram P = 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.

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Drawings

