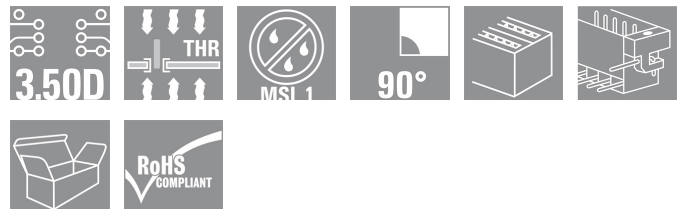


**Series B2C/S2C 3.50 - 2-row**  
**S2C-SMT 3.50/04/90LF 3.2SN BK BX**

**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.	<a href="#">1289450000</a>
Type	S2C-SMT 3.50/04/90LF 3.2SN BK BX
Version	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box
GTIN (EAN)	4050118081930
Qty.	132 pc(s).
Product data	IEC: 200 V / 13.4 A UL: 150 V / 10 A
Packaging	Box

Creation date October 10, 2012 8:31:56 AM CEST

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**Technical data**
**Dimensions and weights**

Net weight 2.8 g

**System parameters**

Product family		Series B2C/S2C 3.50 - 2-row		Mounting onto the PCB		Reflow solder connection	
Outgoing elbow	90°	Pitch in mm (P)	3.5 mm	No. of poles	4	Pin dimensions	d = 1.0 mm, Octagonal
Pitch in inches (P)	0.138 inch	Number of rows	1	Solder eyelet hole diameter (D)	1.3 mm	L1 in mm	3.5 mm
Solder pin length (l)	3.2 mm	Touch-safe protection acc. to DIN VDE 0470	IP 20				
Can be coded	Yes						
Number of solder pins per pole	1						
Solder eyelet hole diameter tolerance (D)+ 0,1 mm							
L1 in inches	0.138 inch						
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

**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**

