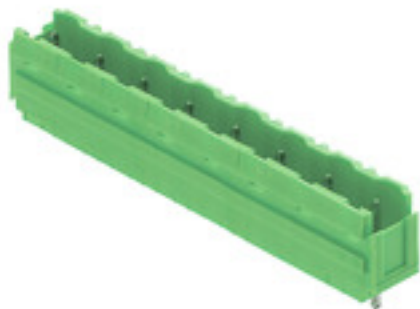


SL 7.62/12/180B 3.2SN GN BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Order No.	2865300000
Type	SL 7.62/12/180B 3.2SN GN BX
GTIN (EAN)	4064675600794
Qty.	50 pc(s).
Packaging	Box

SL 7.62/12/180B 3.2SN GN BX

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Technical data

Dimensions and weights

Depth	8.5 mm	Depth (inches)	0.335 inch
Height	15.2 mm	Height (inches)	0.598 inch
Width	91.44 mm	Width (inches)	3.6 inch
Net weight	6.12 g		

System specifications

Mounting onto the PCB	THT solder connection	Pitch in mm (P)	7.62 mm
Outgoing elbow	180°	Number of poles	12
Solder pin length (l)	3.2 mm	Pin series quantity	1

Material data

Insulating material	PBT	Colour	Pale green
Colour chart (similar)	RAL 6021	UL 94 flammability rating	V-0
Contact material	Cu-alloy	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C		

Rated data acc. to IEC

Rated current, max. number of poles (Tu=20°C)	17 A	Rated current, min. number of poles (Tu=40°C)	16 A
Rated voltage for surge voltage class / pollution degree II/2	800 V	Rated voltage for surge voltage class / pollution degree III/2	630 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	6,000 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	6 kV

Packing

Packaging	Box	VPE length	168 mm
VPE width	118 mm	VPE height	48 mm

Classifications

ETIM 6.0	EC002637	ETIM 7.0	EC002637
ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 9.0	27-44-04-02
ECLASS 9.1	27-44-04-02	ECLASS 10.0	27-44-04-02
ECLASS 11.0	27-46-02-01	ECLASS 12.0	27-46-02-01
ECLASS 13.0	27-46-02-01	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

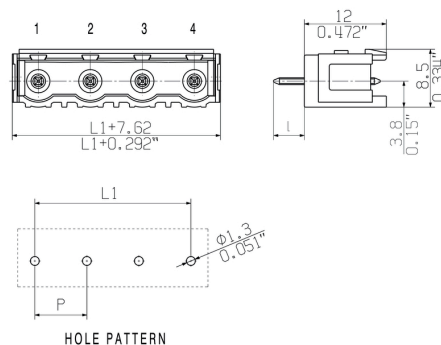
Approvals

ROHS	Conform
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SL 7.62/12/180B 3.2SN GN BX

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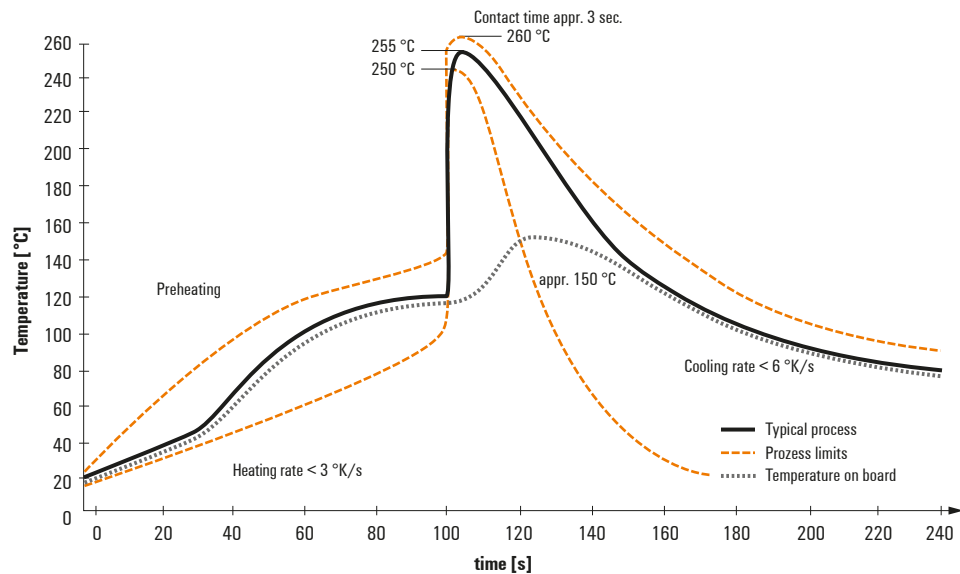
www.weidmueller.com

Drawings**Dimensional drawing**

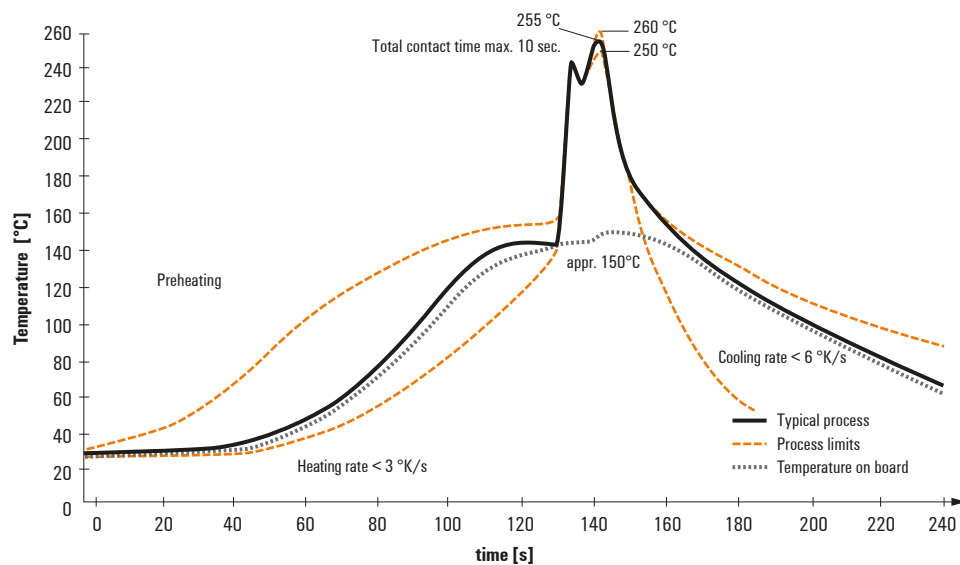
Recommended wave soldering profiles

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Germany
Fon: +49 5231 14-0
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Single Wave:



Double Wave:



Wave soldering profiles

Wired connection elements should be processed in accordance with the DIN EN 61760-1 standard. We have included two recommendations for practical wave soldering profiles, with which Weidmüller PCB terminals and connectors are qualified.

When choosing a suitable profile for your application, the following factors also need to be considered:

- PCB thickness
- Proportion of Cu in the layers
- Single/double-sided assembly
- Product range
- Heating and cooling rates

The single and double wave profiles each indicate the recommended operating range, including the maximum soldering temperature of 260°C. In practice, the maximum soldering temperature is quite often well below the above maximum profile.

We reserve the right to make technical changes.