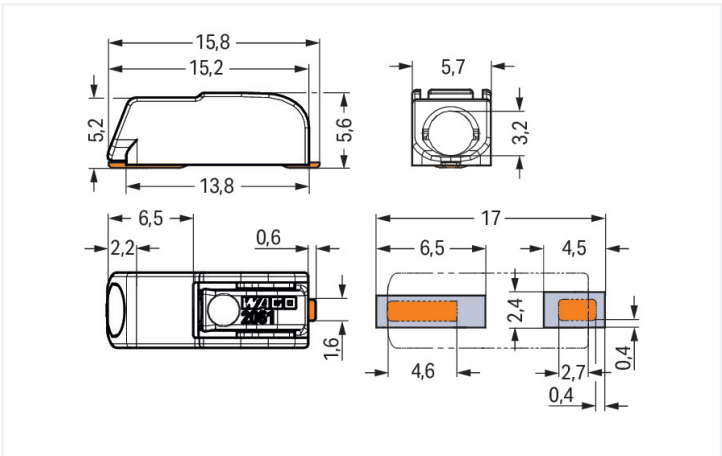
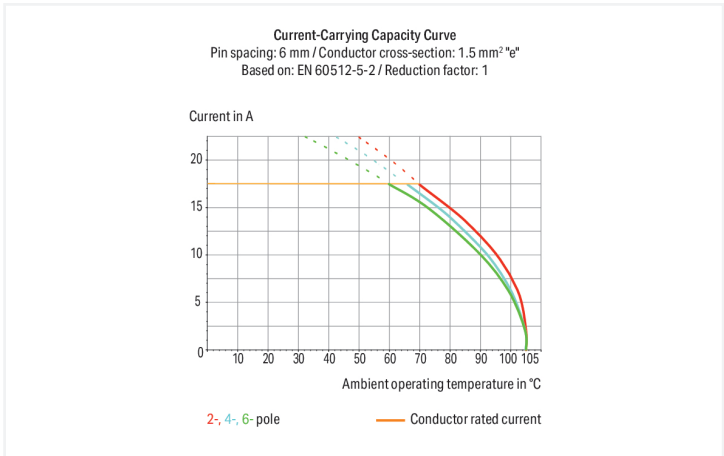
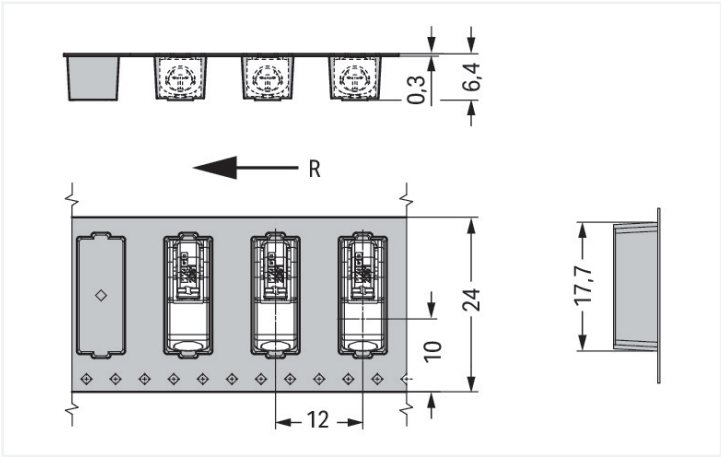




Color: ■ white



Dimensions in mm



Dimensions in mm
R = feed direction

PCB terminal block, 2061 Series, with 6 mm pin spacing

Connecting conductors is quick and easy with this PCB terminal block (item number 2061-601/998-404). You can rely on proven safety with these PCB terminal blocks, perfect for a wide range of applications when designing your devices. Ensure that the strip lengths are between 7 and 10 mm when connecting conductors to this PCB terminal block. This product incorporates one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be pushed in without needing to use any tools—all thanks to its pluggable design. The item's dimensions are (5.7 x 5.6 x 15.8) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is designed for conductor cross sections ranging from 0.25 mm² to 1.5 mm².

Tin is used for coating the contact surfaces. A push-button is used to operate this PCB terminal block. SMD is used to assemble the PCB terminal block. Insert the conductor into the board at an angle of 0°.

Notes	
Note	Application notes: Suitable for lead-free, reflow-soldering profiles per DIN EN 61760-1 and IEC 60068-2-58 up to max. 260°C peak temperature. Due to application-specific variables (component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions. Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.
Recommendation	Recommendation for stencil: 150 µm material thickness; Pattern layout identical to solder pad layout

Electrical data								
Ratings per		IEC/EN 60664-1			Approvals per		UL 1059	
Overvoltage category	III	III	II		Use group	B	C	D
Pollution degree	3	2	2		Rated voltage	600 V	-	600 V
Nominal voltage	250 V	320 V	630 V		Rated current	10 A	-	5 A
Rated impulse withstand voltage	4 kV	4 kV	4 kV					
Rated current	17.5 A	17.5 A	17.5 A					

Pin spacing	6 mm / 0.24 inches
Width	5.7 mm / 0.224 inches
Height	5.6 mm / 0.22 inches
Height from the surface	5.6 mm / 0.22 inches
Depth	15.8 mm / 0.622 inches
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

PCB contact	SMD
Solder pin arrangement	over the entire terminal strip (in-line)
Number of solder pins per potential	2

Note (material data)	Information on material specifications can be found here
Color	white
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact Plating	Tin
Fire load	0.004 MJ
Weight	0.5 g
MSL per J-STD 020D	1

Limit temperature range	-60 ... +105 °C
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Commercial data	
PU (SPU)	8100 (900) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143278065
Customs tariff number	85369010000

Product Classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7773
CCA DEKRA Certification B.V.	EN 60838	NTR NL-7721
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-110254
KEMA/KEUR DEKRA Certification B.V.	EN 60838	71-106232

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2061-601/998-404	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2061-601/998-404 	ZUKEN Portal 2061-601/998-404 

PCB Design	
Symbol and Footprint via SamacSys 2061-601/998-404 	
Symbol and Footprint via Ultra Librarian 2061-601/998-404 	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Board-to-board link

1.1.1.1 Board-to-board link



Item No.: 2061-901 Board-to-Board Link; Pin spacing 6 mm; 1-pole; Length: 30 mm; white	Item No.: 2061-901/034-000 Board-to-Board Link; Pin spacing 6 mm; 1-pole; Length: 34 mm; white
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1.1.2 Ferrule

1.1.2.1 Ferrule



Item No.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white	Item No.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	Item No.: 216-141 Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	Item No.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored
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Item No.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	Item No.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	Item No.: 216-142 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	Item No.: 216-102 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; silver-colored
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1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 206-866
Operating tool; for 2061 Series



Item No.: 2061-190
Operating tool; made of insulating material

Installation Notes

Conductor termination



Inserting solid conductors via push-in termination.

Conductor termination



Easy conductor removal, e.g., via operating tool (206-861)