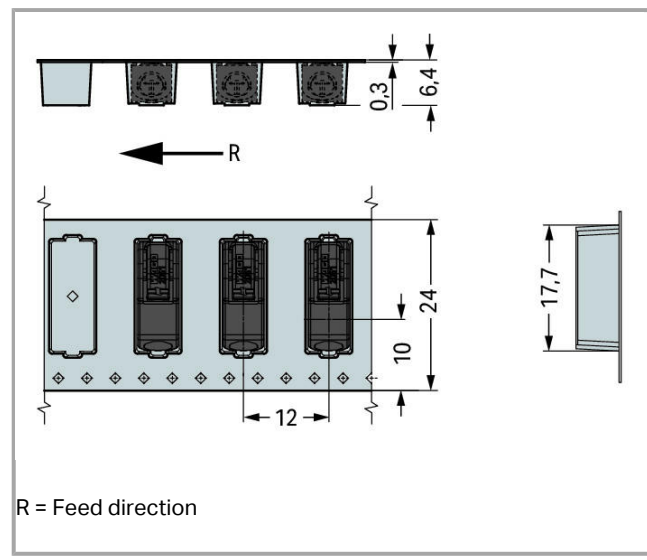
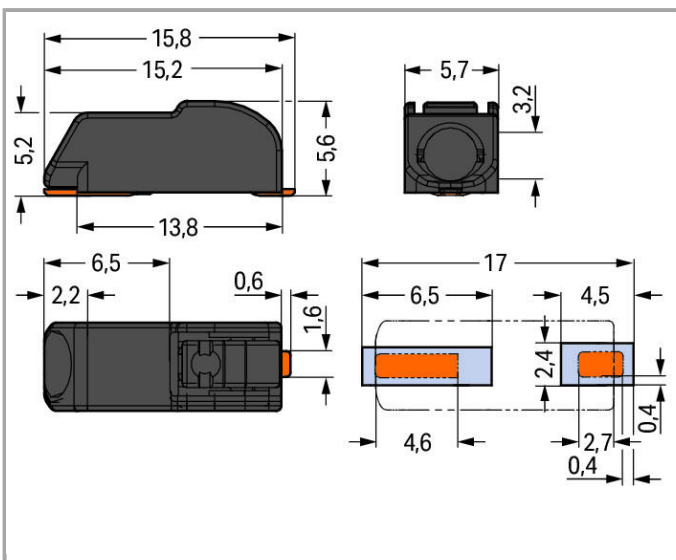
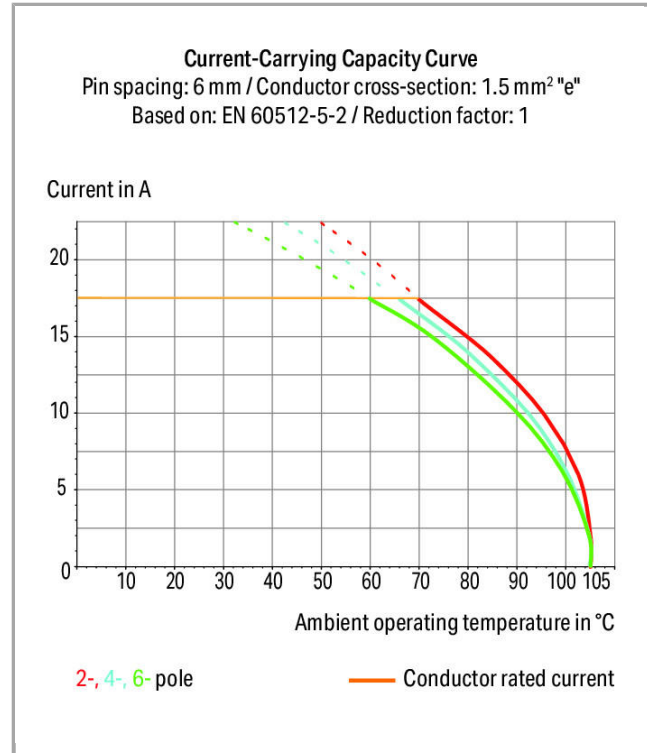
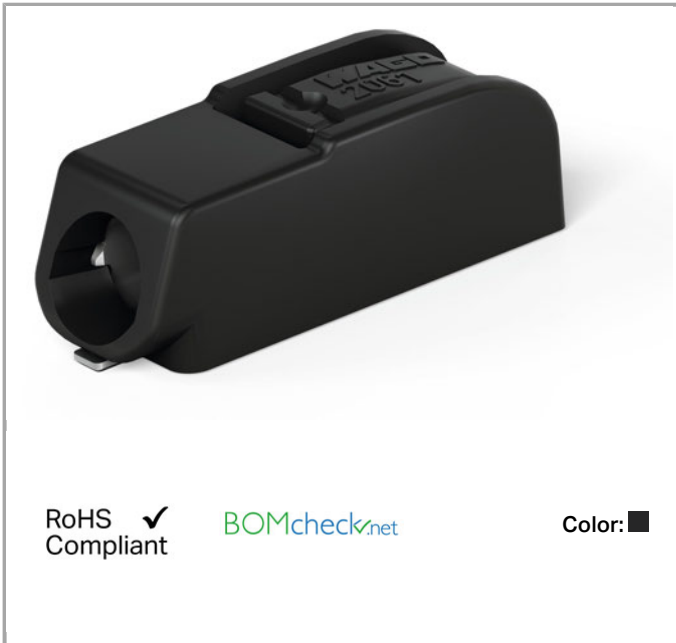


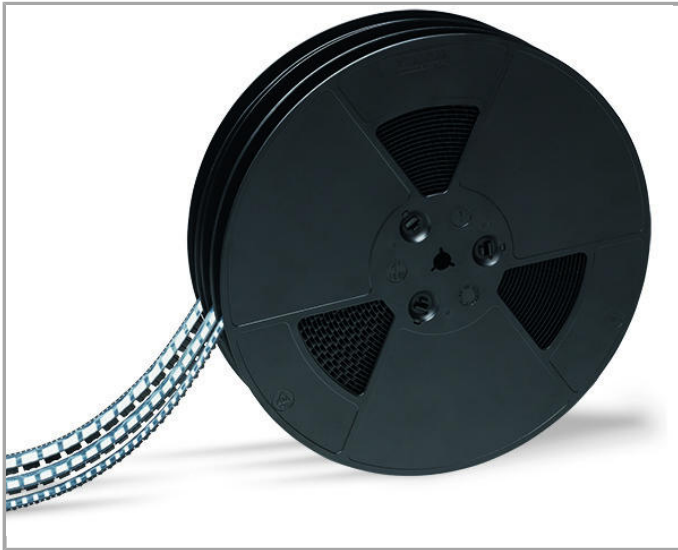
Data sheet | Item number: 2061-621/998-404

SMD PCB terminal block; push-button; 1.5 mm²; Pin spacing 6 mm; 1-pole;
 Push-in CAGE CLAMP®; in tape-and-reel packaging; 1,50 mm²; black



2061-621_998-404





Item description

- SMD PCB terminal blocks with Push-in CAGE CLAMP® connection and push-buttons
- Just 5.6 mm tall
- Push-in termination of solid and ferruled conductors
- Push-buttons simplify insertion/removal of all conductor types
- Available in tape-and-reel packaging for automated assembly

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 customer-specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions.

Recommendation:

Recommendation for SMD stencil:

Material thickness, 150 µm. Pattern layout identical to solder pad layout.

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV



Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	17.5 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	600 V

Connection data

Connection technology	Push-in CAGE CLAMP®		
Actuation type	Push-button		
Solid conductor	0.5	1.5 mm ² / 20	16 AWG
Fine-stranded conductor	0.5	1.5 mm ² / 20	16 AWG
Fine-stranded conductor with ferrule with plastic collar	0.5	0.75 mm ²	
Fine-stranded conductor with ferrule without plastic collar	0.5	0.75 mm ²	
Strip length	7	10 mm / 0.28	0.39 inch
Conductor entry angle to the PCB	0°		
Total number of connection points	1		
Total number of potentials	1		
Number of connection types	1		
Number of levels	1		
No. of poles	1		

Geometrical Data

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

PCB contact

PCB contact	SMD
-------------	-----

Material Data

Color	black
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.008 MJ
Weight	0.527 g

Environmental Requirements



Limit temperature range	-60 +105 °C
-------------------------	-------------

Commercial data


Country of origin	CN
GTIN	4055143251129
Customs Tariff No.	85369010000

Approvals / Certificates


Radio-Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7459
	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-100855

Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7459
	CCA DEKRA Certification B.V.	EN 60838	NTR NL-7721

CCA


	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71- 100855
--	---------------------------------------	--------------	---------------

	KEMA/KEUR DEKRA Certification B.V.	EN 60838	71- 106232
--	---------------------------------------	----------	---------------






Other Approvals





Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172

UL-Approvals



Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

ferrule			
	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated		216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated		216-102
	Item no.: 216-141 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92		216-141
	Item no.: 216-142 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92		216-142
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white		216-201

	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	216-202
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	216-242
	Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	216-262

General accessories

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

tools

	Item no.: 2061-189 Operating tool; made of insulating material; for 2061 Series	2061-189
	Item no.: 206-861 Operating tool; for terminal blocks 2061 series	206-861

Downloads**Documentation****Additional Information**

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
------------------------	-------------	---------------	----------

CAD/CAE - Smart Data**CAD data**

3D Download 2061-621/998-404	URL	Download
------------------------------	-----	----------

Subject to changes.