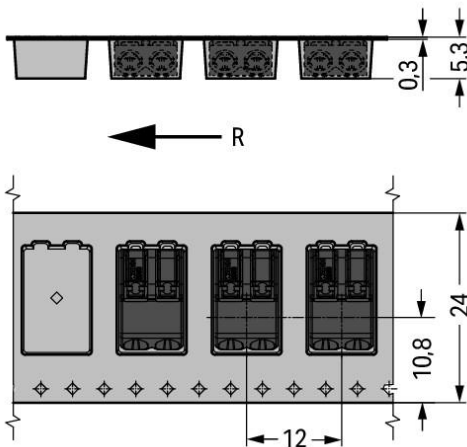
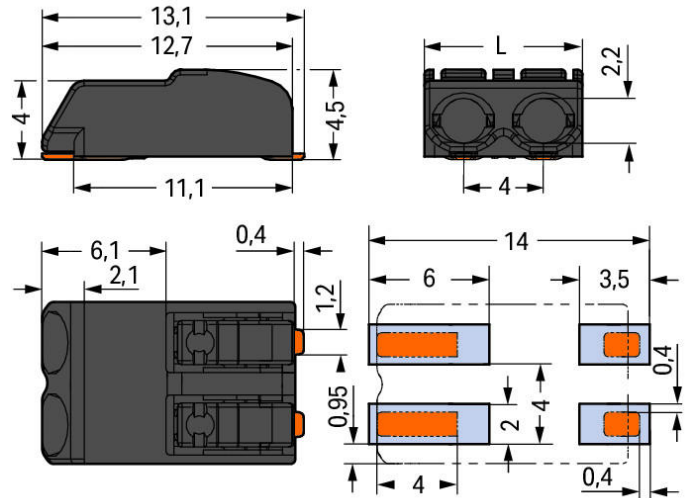


R = Feed direction

Item description

- SMD PCB terminal blocks with Push-in CAGE CLAMP® connection and push-buttons
- Height of just 4.5 mm minimizes on-board LED shadowing
- Available in tape-and-reel packaging for automated assembly

Note:

Application note:



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)	63 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III/2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	9 A
Legend (ratings)	(III / 2) △ Overvoltage category III / Pollution degree 2

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.2 ... 0.75 mm² / 24 ... 18 AWG
Fine-stranded conductor	0.2 ... 0.75 mm² / 24 ... 18 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.34 mm²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 0.34 mm²
Strip length	7 ... 9 mm / 0.28 ... 0.35 Inch
Conductor entry angle to the PCB	0°
No. of poles	2
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1



Geometrical Data

Pin spacing	4 mm (0.157 in)
Width	7.9 mm / 0.311 in
Height	4.5 mm / 0.177 in
Depth	13.1 mm / 0.516 in
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

PCB contact

PCB contact	SMD
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Material Data

Color	black
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Weight	0.518 g

Environmental Requirements

Limit temperature range	-60 ... 105 °C
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Commercial data

Packaging type	Karton
Country of Origin	CH
GTIN	4055143251181

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2193943.01
	CCA DEKRA Certification B.V.	NTR NL-7419



UL-Approvals

Logo	Approval	Certificate name
The UL cURus logo features the letters 'UL' in a bold, black, sans-serif font, with a small registered trademark symbol (®) to the upper right. Below 'UL' is the word 'cURus' in a smaller, black, sans-serif font.	cURus Underwriters Laboratories Inc.	E45171

Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at 01788 568 008.