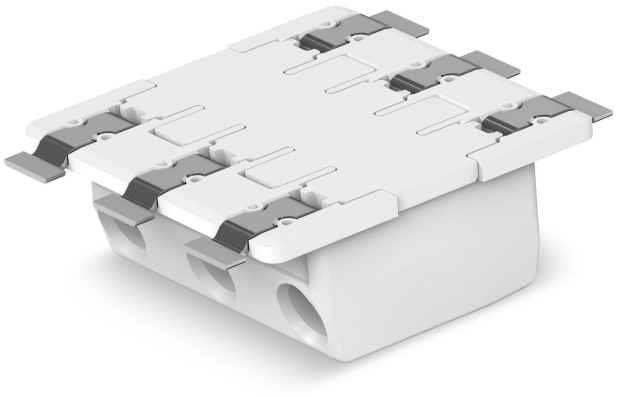
Data sheet | Item number: 2070-523/998-406

Through-Board SMD PCB Terminal Block; 0.75 mm²; Pin spacing 6.5 mm; 3-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging

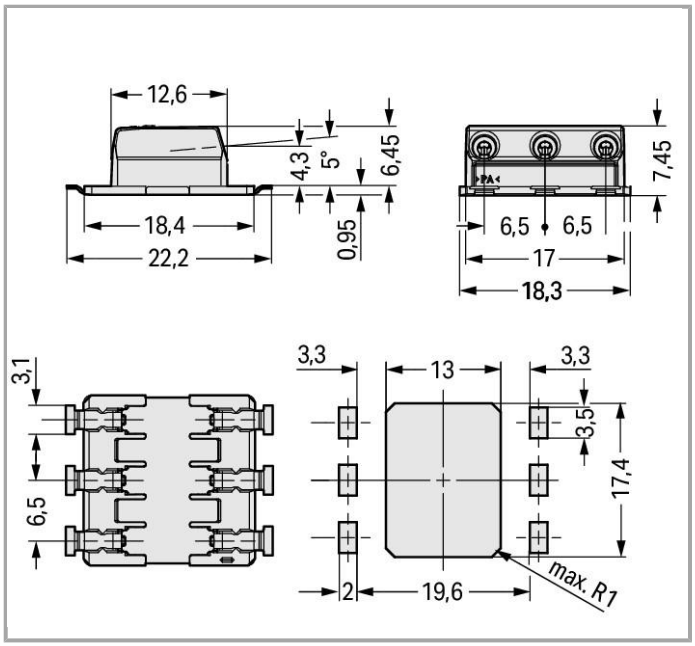
www.wago.com/2070-523/998-406

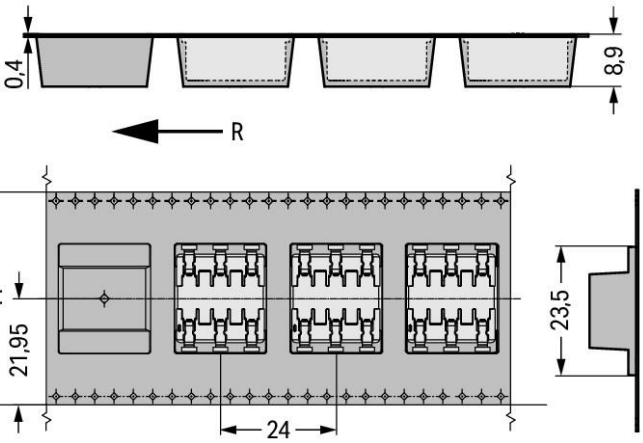


RoHS ✓ Compliant

BOMcheck.net

Color:





R = Feed direction



Item description

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- SMD PCB terminal block with Push-in CAGE CLAMP® connection for back-side wiring of LED modules
- Low profile of just 1.1 mm on the module's front side
- Connect solid conductors via push-in termination
- Insert fine-stranded conductors and remove all conductors via operating tool

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings note	Electrical Data for FR4 PCB Type
Rated voltage (III / 3)	320 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	9 A
Ratings according to 2	IEC/EN 60664-1
Ratings note 2	Electrical Data for Metal-Core PCBs
Rated voltage (III / 3) 2	200 V
Rated impulse voltage (III / 3) 2	4 kV
Rated voltage (III / 2) 2	320 V
Rated impulse voltage (III / 2) 2	4 kV
Rated voltage (II / 2) 2	500 V
Rated impulse voltage (II / 2) 2	4 kV
Rated current (2)	9 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Fine-stranded conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Strip length	8.5 … 10 mm / 0.33 … 0.39 Inch
Conductor entry angle to the PCB	0 °
No. of poles	3
Number of levels	1
Total number of connection points	3
Total number of potentials	3
Number of connection types	1

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Geometrical Data

Pin spacing	6.5 mm (0.256 inch)
Width	15.8 mm / 0.622 inch
Height	7.45 mm / 0.293 inch
Depth	22.2 mm / 0.874 inch
Reel diameter of tape-and-reel packaging	330 mm
Tape width	44 mm

Mechanical data

Design	with Cover
Type of mounting	Through-board
Marking	+ - plain

PCB contact

PCB contact	SMD

Material Data

Color	white
Material group	I
Insulating material	Polyphtalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Weight	1.995 g

Environmental Requirements

Limit temperature range	-60 … +105 °C

Commercial data

Country of origin	CH
GTIN	4055143652797

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CB DEKRA Certification B.V.	NL-50427
	CB DEKRA Certification B.V.	NL-50427

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	KEMA/KEUR DEKRA Certification B.V.	71-102671
	KEMA/KEUR DEKRA Certification B.V.	71-102672

UL-Approvals

Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45171

Compatible products

tools



Item no.: 2070-400
Operating tool; of insulating material
www.wago.com/2070-400

Downloads

CAD files

PCB libraries

TARGET Library for WAGO PCB Terminal Blocks Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 27.1 MB	Download
EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher	2.1 Nov 17, 2017	ZIP 23.9 MB	Download
DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 22.5 MB	Download

CAD data

3D Download 2070-523/998-406		URL	Download

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Subject to changes.

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