

**PCB terminal strip; 2 solder pins/pole; 2-pole; pin spacing 2.54 mm / 0.1 in; with push-button**

Item No.: 233-502



PCB terminal strip; 2 solder pins/pole; 2-pole; pin spacing 2.54 mm / 0.1 in; with push-button

**Marking**

RoHS ✓  
Compliant

**Business data**

Supplier	WAGO
Item no.	233-502
GTIN / EAN	4045454050269
Content	1
Order amount	100
Customer item number	

**Notes**

Terminal strips with push-button actuated CAGE CLAMP® Double solder pins for high mechanical stability on PCB  
Ideal for in-the-field wiring thanks to simplified push-button actuation  
Convenient, tool-free operation

**Technical data**

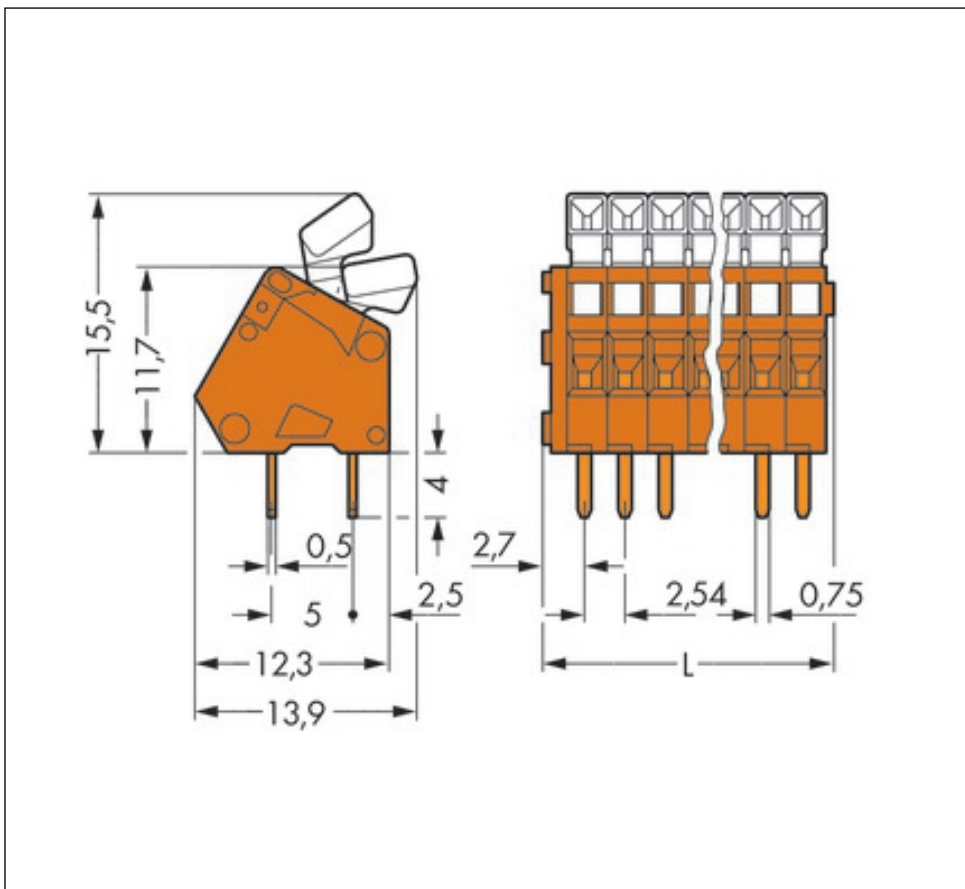
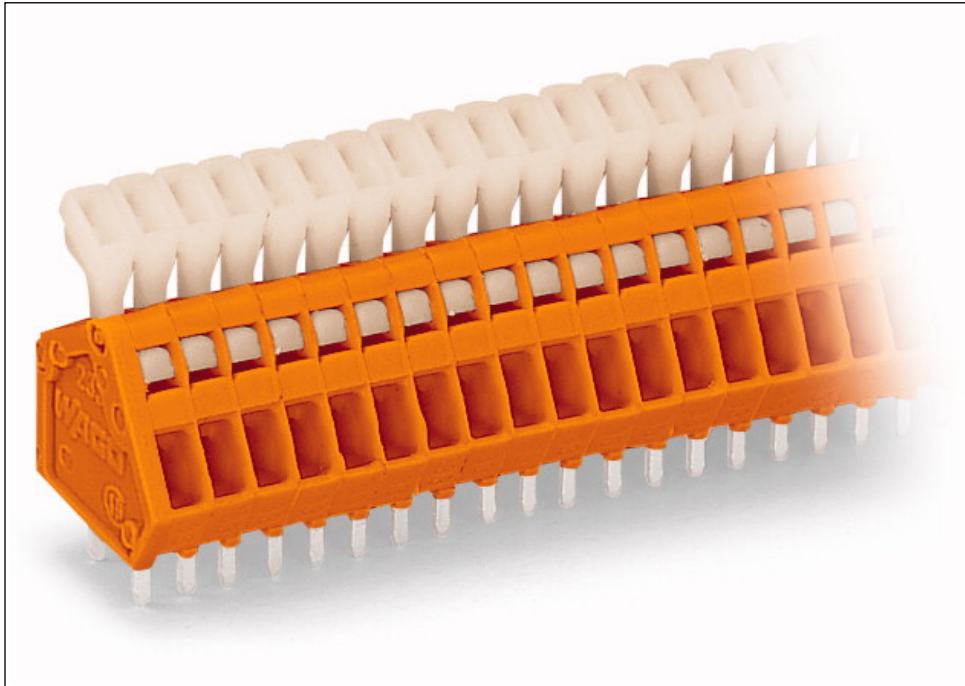
*Miscellaneous*

No. of poles	2
Pin Spacing	2.54 mm / 0.1 in %
Total number of connection points	2
Total number of potentials	2
Color	orange
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2

<b>Technical data</b>	
Rated voltage EN (1) [V]	160 [V]
Rated surge voltage (1) [kV]	2.5 [kV]
Nominal current [A]	6 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	320 [V]
Rated surge voltage (2) [kV]	2.5 [kV]
Nominal current (2) [A]	6 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	63 [V]
Rated surge voltage (3) [kV]	2.5 [kV]
Nominal current (3) [A]	6 [A]
Number of individual connection objects at the product	1
Connection technology (1)	CAGE CLAMP®
Solid sizes 1	0.08 ... 0.5 mm <sup>2</sup> / 28 ... 20 AWG
Fine-stranded wires 1	0.08 ... 0.5 mm <sup>2</sup> / 28 ... 20 AWG
Fine-stranded wires with insulated ferrule 1	0.25 mm <sup>2</sup> / AWG
Fine-stranded wires with uninsulated ferrule 1	0.25 mm <sup>2</sup> / AWG
Strip length 1	5 ... 6 mm / 0.2 ... 0.24 in
Conductor entry angle to the PCB 1 [°]	30 [°]
Solder pin arrangement	in-line solder pin
Solder pin length [mm]	4 [mm]
Solder pin width A [mm]	0.5 [mm]
Solder pin width B [mm]	0.75 [mm]
Tolerance of drilled hole [mm]	1.1(+ 0.1) [mm]
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability rating per UL 94	V0
Limit temperature range	-60 C ... 105 C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.018 [MJ]

<b>Technical data</b>	
<i>Weight [g]</i>	<i>0.91 [g]</i>
<i>Width</i>	<i>7.38 mm / 0.291 in</i>
<i>Height</i>	<i>19.5 mm / 0.768 in</i>
<i>Height from the surface</i>	<i>15.5 mm / 0.61 in</i>
<i>Length</i>	<i>13.9 mm / 0.547 in</i>

Images & drawings



**Address**

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Technische Änderungen und Irrtümer vorbehalten.