

PCB terminal strip; 2 solder pins/pole; 6-pole; pin spacing 2.54 mm / 0.1 in; with push-button

Item No.: 233-506



PCB terminal strip; 2 solder pins/pole; 6-pole; pin spacing 2.54 mm / 0.1 in; with push-button

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	233-506
GTIN / EAN	4045454050313
Content	1
Order amount	70
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

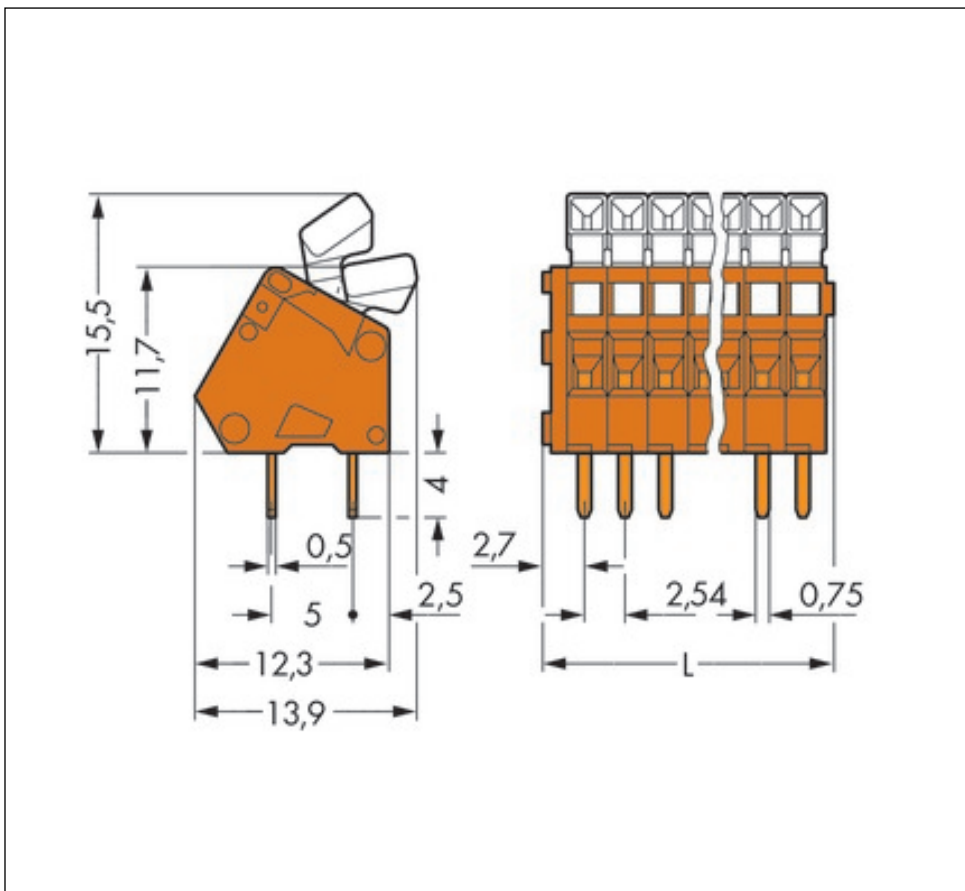
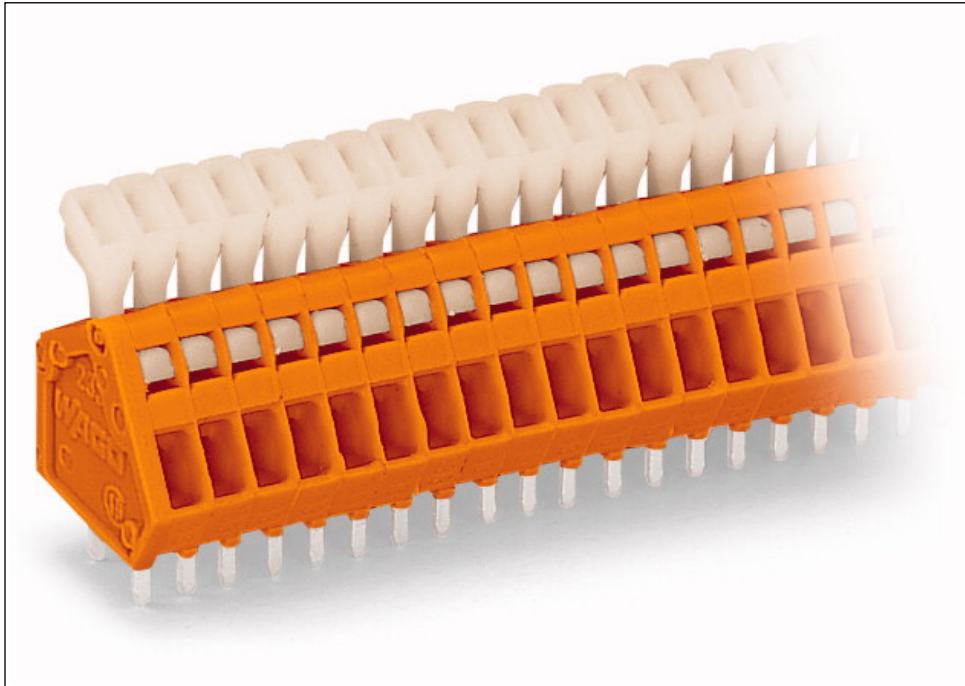
Miscellaneous

No. of poles	6
Pin Spacing	2.54 mm / 0.1 in %
Total number of connection points	6
Total number of potentials	6
Color	orange
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2

Technical data	
<i>Rated voltage EN (1) [V]</i>	160 [V]
<i>Rated surge voltage (1) [kV]</i>	2.5 [kV]
<i>Nominal current [A]</i>	6 [A]
<i>Overvoltage category EN 2</i>	II
<i>Degree of pollution (2)</i>	2
<i>Rated voltage EN (2) [V]</i>	320 [V]
<i>Rated surge voltage (2) [kV]</i>	2.5 [kV]
<i>Nominal current (2) [A]</i>	6 [A]
<i>Overvoltage category EN 3</i>	III
<i>Degree of pollution (3)</i>	3
<i>Rated voltage EN (3) [V]</i>	63 [V]
<i>Rated surge voltage (3) [kV]</i>	2.5 [kV]
<i>Nominal current (3) [A]</i>	6 [A]
<i>Number of individual connection objects at the product</i>	1
<i>Connection technology (1)</i>	CAGE CLAMP®
<i>Solid sizes 1</i>	0.08 ... 0.5 mm ² / 28 ... 20 AWG
<i>Fine-stranded wires 1</i>	0.08 ... 0.5 mm ² / 28 ... 20 AWG
<i>Fine-stranded wires with insulated ferrule 1</i>	0.25 mm ² / AWG
<i>Fine-stranded wires with uninsulated ferrule 1</i>	0.25 mm ² / AWG
<i>Strip length 1</i>	5 ... 6 mm / 0.2 ... 0.24 in
<i>Conductor entry angle to the PCB 1 [°]</i>	30 [°]
<i>Solder pin arrangement</i>	in-line solder pin
<i>Solder pin length [mm]</i>	4 [mm]
<i>Solder pin width A [mm]</i>	0.5 [mm]
<i>Solder pin width B [mm]</i>	0.75 [mm]
<i>Tolerance of drilled hole [mm]</i>	1.1(+ 0.1) [mm]
<i>Material group</i>	I
<i>Insulating material</i>	Polyamide 66 (PA 66)
<i>Flammability rating per UL 94</i>	V0
<i>Limit temperature range</i>	-60 C ... 105 C
<i>Clamping spring material</i>	Chrome-nickel spring steel (CrNi)
<i>Contact material</i>	Electrolytic copper (Ecu)
<i>Contact plating</i>	tin-plated
<i>Fire load [MJ]</i>	0.046 [MJ]

Technical data	
<i>Weight [g]</i>	<i>2.486 [g]</i>
<i>Width</i>	<i>17.54 mm / 0.691 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.