



PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 6-pole; PUSH WIRE®

Item No.: 254-456



PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 6-pole; PUSH WIRE®

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	254-456
GTIN / EAN	4044918940641
Content	1
Order amount	35
Customer item number	

Notes

Item description: Terminal strips with screwdriver-actuated PUSH WIRE® termination Push-in termination of solid and ferruled, fine-stranded conductors Test socket for 2mm Ø test plug Saves space on the PCB, just 8.9mm deep Also available with 2-conductor connection

Technical data

Miscellaneous

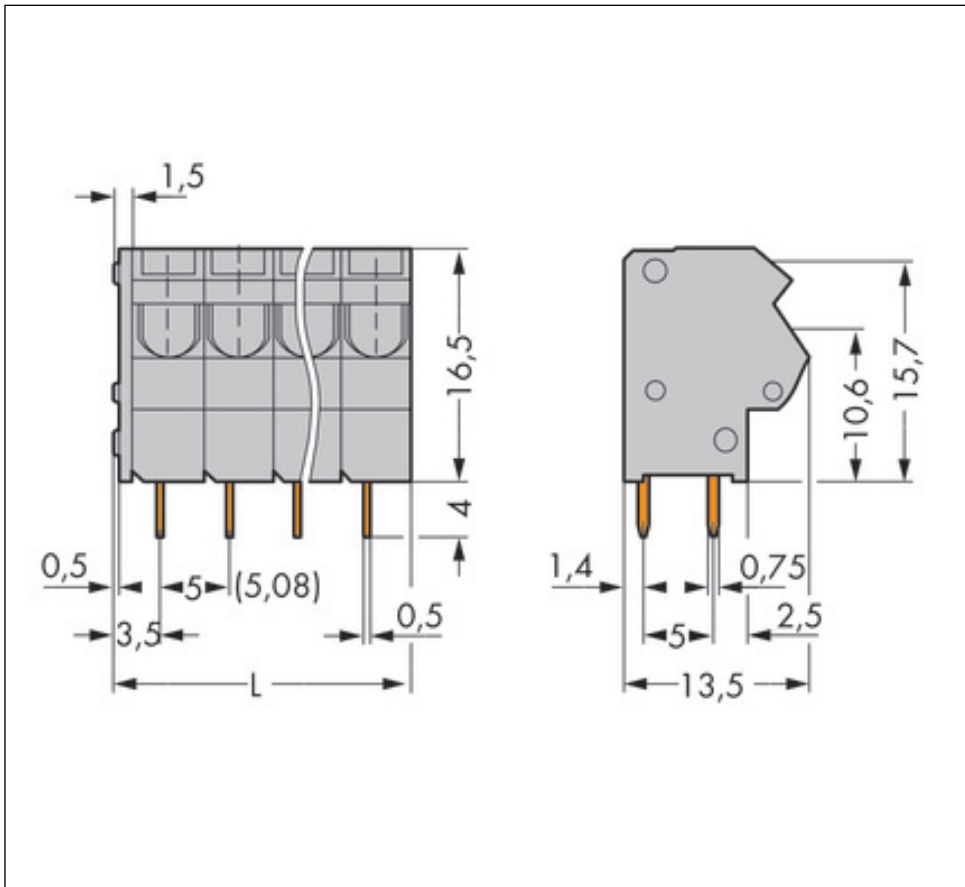
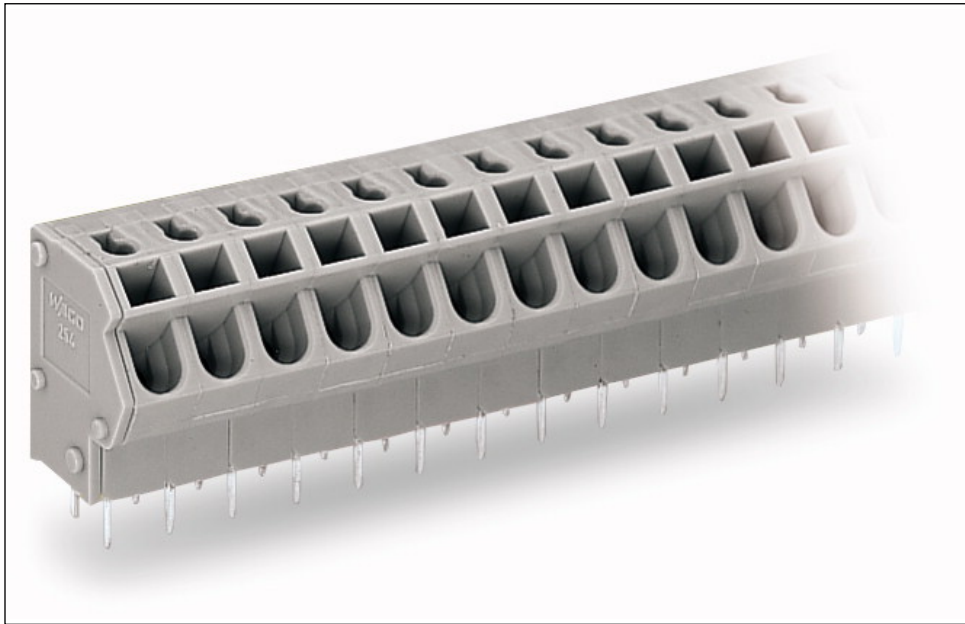
No. of poles	6
Pin spacing	5/5.08 mm / 0.197/0.2 in
Total number of connection points	6
Total number of potentials	6

Technical data	
<i>Color</i>	<i>gray</i>
<i>Ratings per</i>	<i>IEC/EN 60664-1</i>
<i>Rated voltage (III / 3) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (III / 3) [kV]</i>	<i>4 [kV]</i>
<i>Rated voltage (III/2) [V]</i>	<i>320 [V]</i>
<i>Rated impulse voltage (III / 2) [kV]</i>	<i>4 [kV]</i>
<i>Rated voltage (II / 2) [V]</i>	<i>630 [V]</i>
<i>Rated impulse voltage (II / 2) [kV]</i>	<i>4 [kV]</i>
<i>Rated current [A]</i>	<i>24 [A]</i>
<i>Number of connection objects</i>	<i>1</i>
<i>Number of levels</i>	<i>1</i>
<i>Connection technology</i>	<i>PUSH WIRE®</i>
<i>Number of connection points connector</i>	<i>1</i>
<i>Actuation type</i>	<i>Operating tool</i>
<i>Solid conductors, tool-operated termination</i>	<i>0.5 ... 2.5 mm² / 20 ... 12 AWG</i>
<i>Fine-stranded conductors with insulated ferrule</i>	<i>0.5 ... 1.5 mm² / ...</i>
<i>Fine-stranded conductors with uninsulated ferrule</i>	<i>0.5 ... 1.5 mm² / ...</i>
<i>Strip length</i>	<i>10 ... 12 mm / 0.39 ... 0.47 inch</i>
<i>Conductor entry angle to the PCB [°]</i>	<i>45 [°]</i>
<i>Cross section from (1) [AWG]</i>	<i>20 [AWG]</i>
<i>Cross section from (2) [mm²]</i>	<i>0.5 [mm²]</i>
<i>Cross section up to (2) [mm²]</i>	<i>1.5 [mm²]</i>
<i>Solder pin arrangement</i>	<i>in line</i>
<i>Solder pin length [mm]</i>	<i>4 [mm]</i>
<i>Drilled hole diameter (tolerance) [mm]</i>	<i>1.1(+ 0.1) [mm]</i>
<i>Drilled hole diameter [mm] [mm]</i>	<i>1.1 [mm]</i>
<i>Tolerance of drilled hole diameter plus [mm] [mm]</i>	<i>+0.1 [mm]</i>
<i>Material group</i>	<i>I</i>
<i>Insulating material</i>	<i>Polyamide 66 (PA 66)</i>
<i>Flammability class per UL94</i>	<i>V0</i>
<i>Limit temperature range</i>	<i>-60 ... 105 C</i>
<i>Clamping spring material</i>	<i>Chrome-nickel spring steel (CrNi)</i>
<i>Contact material</i>	<i>Electrolytic copper (Ecu)</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.114 [MJ]</i>

Technical data

<i>Weight [g]</i>	<i>6.486 [g]</i>
<i>Width</i>	<i>31.5 mm / 1.24 in.</i>
<i>Height</i>	<i>19.7 mm / 0.776 in.</i>
<i>Height from the surface</i>	<i>15.7 mm / 0.618 in.</i>
<i>Depth</i>	<i>13.5 mm / 0.531 in.</i>

Images & drawings



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Technische Änderungen und Irrtümer vorbehalten.