



PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 2-pole; PUSH WIRE®

Item No.: 254-452



PCB terminal block; 2.5 mm²; Pin spacing 5/5.08 mm; 2-pole; PUSH WIRE®

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	254-452
GTIN / EAN	4044918940603
Content	1
Order amount	105
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

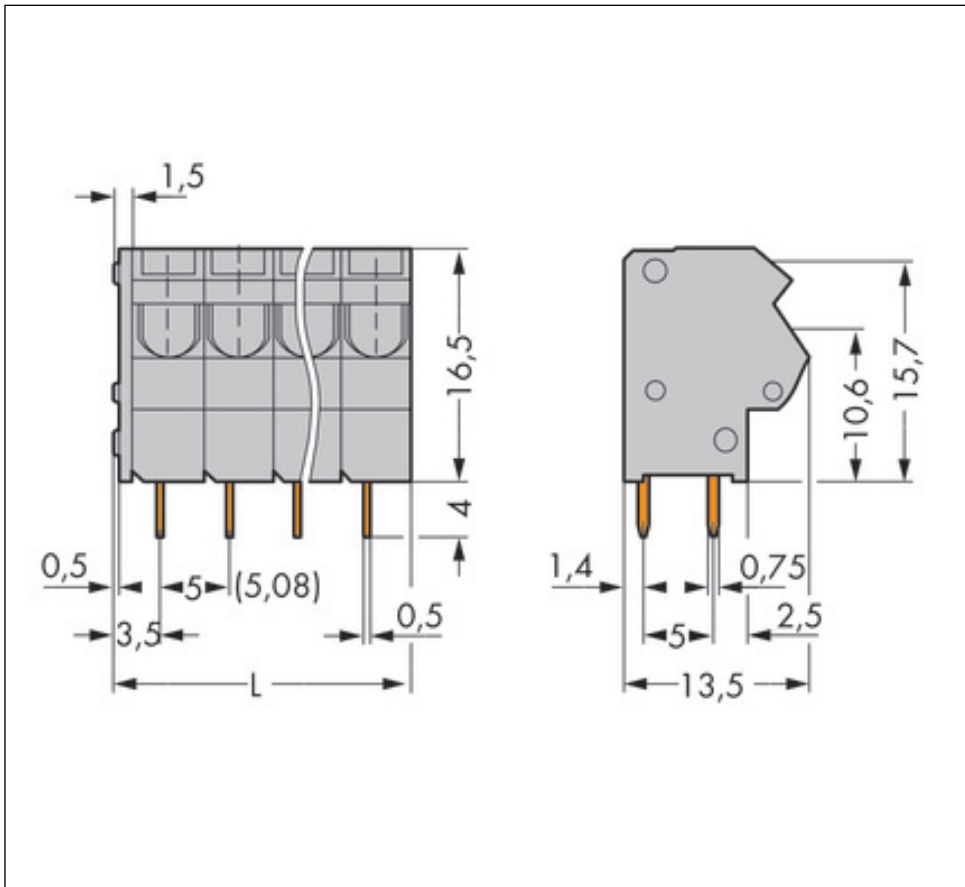
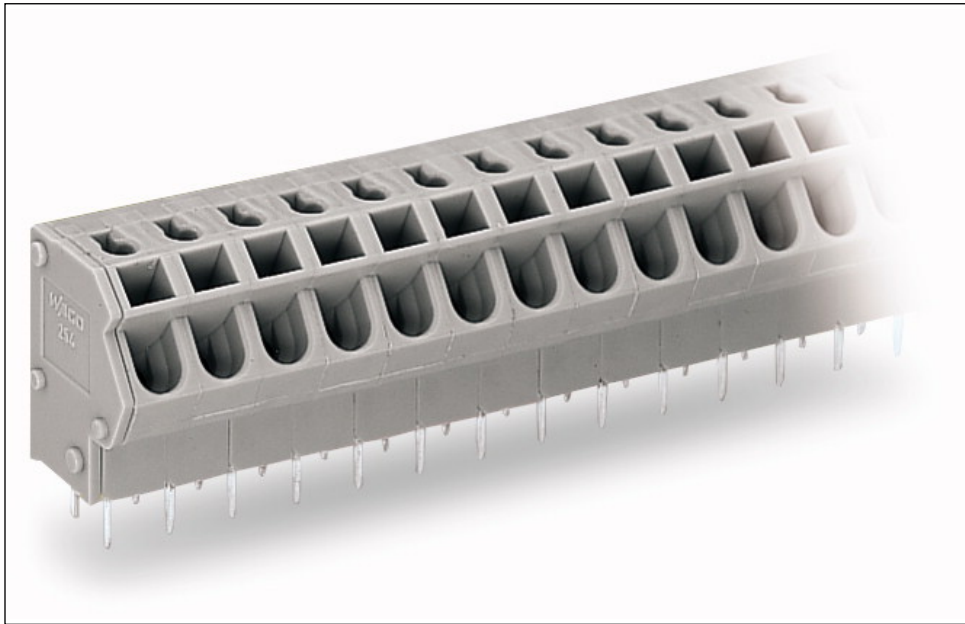
Miscellaneous

No. of poles	2
Pin spacing	5/5.08 mm / 0.197/0.2 in
Total number of connection points	2
Total number of potentials	2

Technical data	
Color	gray
Ratings per	IEC/EN 60664-1
Rated voltage (III / 3) [V]	320 [V]
Rated impulse voltage (III / 3) [kV]	4 [kV]
Rated voltage (III/2) [V]	320 [V]
Rated impulse voltage (III / 2) [kV]	4 [kV]
Rated voltage (II / 2) [V]	630 [V]
Rated impulse voltage (II / 2) [kV]	4 [kV]
Rated current [A]	24 [A]
Number of connection objects	1
Number of levels	1
Connection technology	PUSH WIRE®
Number of connection points connector	1
Actuation type	Operating tool
Solid conductors, tool-operated termination	0.5 ... 2.5 mm ² / 20 ... 12 AWG
Fine-stranded conductors with insulated ferrule	0.5 ... 1.5 mm ² / ...
Fine-stranded conductors with uninsulated ferrule	0.5 ... 1.5 mm ² / ...
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Conductor entry angle to the PCB [°]	45 [°]
Cross section from (1) [AWG]	20 [AWG]
Cross section from (2) [mm ²]	0.5 [mm ²]
Cross section up to (2) [mm ²]	1.5 [mm ²]
Solder pin arrangement	in line
Solder pin length [mm]	4 [mm]
Drilled hole diameter (tolerance) [mm]	1.1(+ 0.1) [mm]
Drilled hole diameter [mm] [mm]	1.1 [mm]
Tolerance of drilled hole diameter plus [mm] [mm]	+0.1 [mm]
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Limit temperature range	-60 ... 105 C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.042 [MJ]

Technical data	
<i>Weight [g]</i>	<i>2.286 [g]</i>
<i>Width</i>	<i>11.5 mm / 0.453 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.