eCOM pluggable PCB connector with straight solder pins; with gripping plate; 2-pole; Pin spacing 5 mm / 0.197 in

Item No.: 2092-1152

Marking

RoHS ✓
Compliant

Business data

Supplier	*WAGO*
Item no.	*2092-1152*
GTIN / EAN	*4050821163558*
Content	*1*

Notes

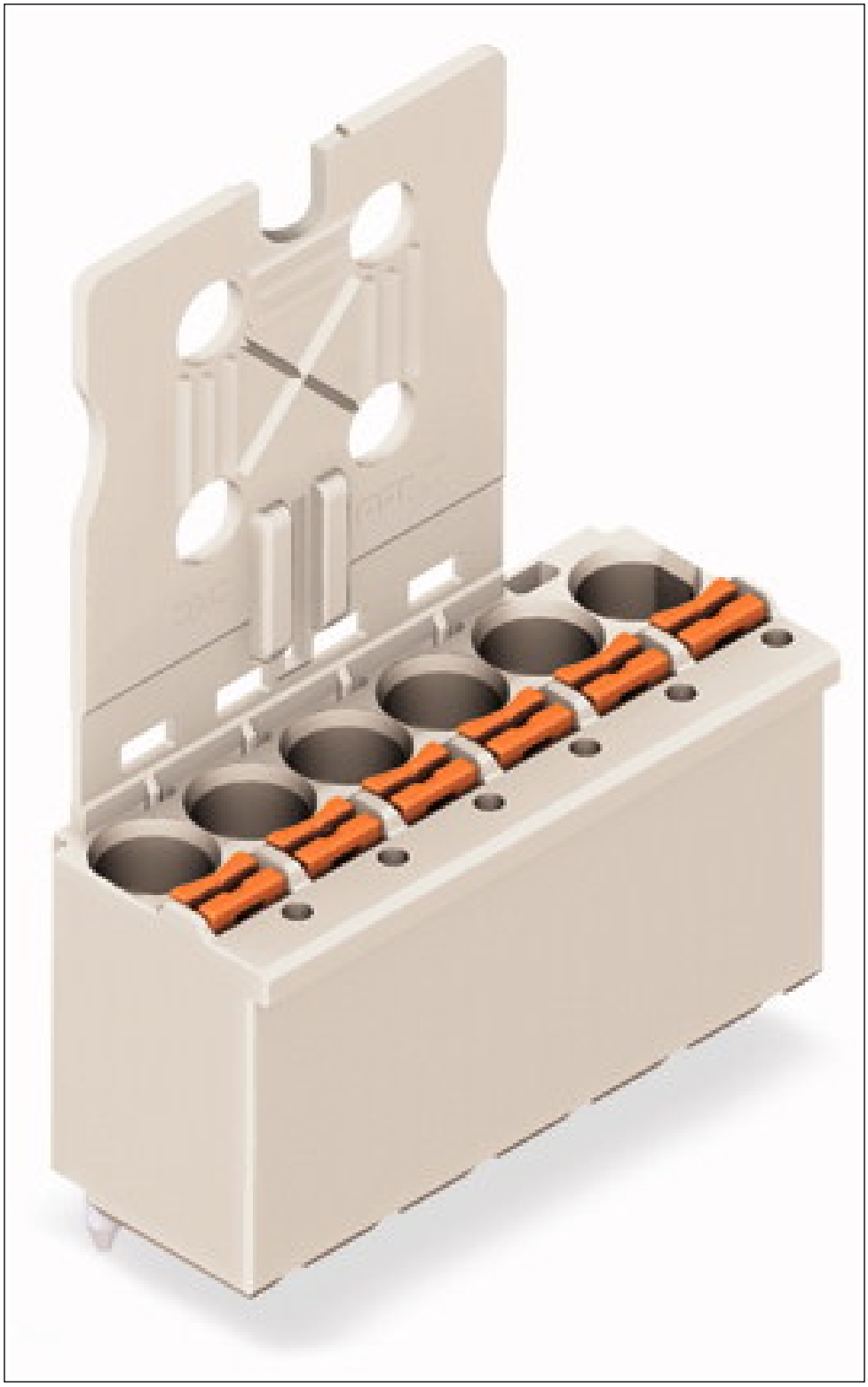
Item description:Universal connection for all conductor typesSimple, push-in termination of solid and ferruled conductorsEasy-to-use design does not require special toolsAbility to wire while mated or unmatedIntegrated test ports for testing parallel to conductor entryCustom-installed solder pinsSafety information 1: The picoMAX® pluggable connection system is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

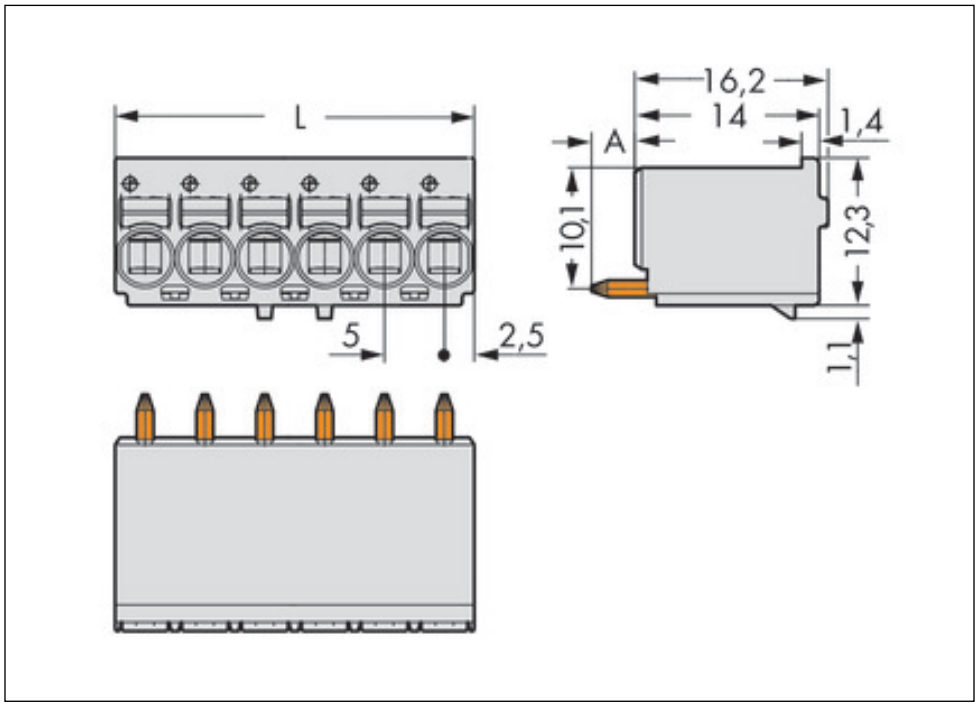
Technical data

Technical data	
Ratings per	*IEC/EN 60664-1*
Rated voltage (III / 3) [V]	*250 [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]	*16 [A]*
Legend (ratings)	*(III / 2) Overvoltage category III / Pollution degree 2*
No. of poles	*2*
Total number of connection points	*2*
Total number of potentials	*2*
Number of connection types	*1*
Number of levels	*1*
Connection technology	*Push-in CAGE CLAMP®*
Actuation type	*Operating lever*
Solid conductor	*0.2 … 2.5 mm² / 24 … 12 AWG*
Fine-stranded conductor	*0.2 … 2.5 mm² / 24 … 12 AWG*
Fine-stranded conductor with ferrule with plastic collar	*0.25 … 1.5 mm²*
Fine-stranded conductor with ferrule without plastic collar	*0.25 … 2.5 mm²*
Strip length	*9 … 10 mm / 0.35 … 0.39 Inch*
Conductor entry angle to the PCB [°]	*90 [°]*
Pin spacing	*5 mm (0.197 in)*
Width	*10 mm / 0.394 Inch*
Height	*34 mm / 1.339 Inch*
Depth	*13.4 mm / 0.528 Inch*
Solder pin length [mm]	*3.6 [mm]*
Solder pin diameter [mm]	*1.4 [mm]*
Drilled hole diameter (tolerance) [mm]	*1.6(+ 0.1) [mm]*
Contact type (pluggable connector)	*Female connector/socket*
Connector connection type	*for PCBs*
Mismating protection	*nein*
Mating direction to the PCB [°]	*90 [°]*
PCB contact	*THT*

Technical data	
Color	*light gray*
Material group	*I*
Insulating material	*Polyphtalamide (PPA GF)*
Flammability class per UL94	*V0*
Clamping spring material	*Chrome nickel spring steel (CrNi)*
Contact material	*Electrolytic copper (Ecu)*
Contact plating	*tin-plated*
Fire load [MJ]	*0.048 [MJ]*
Weight [g]	*2.369 [g]*
Limit temperature range	*-60 … 100 °C*
Pin spacing from [in]	*0.197 [in]*
Pin spacing from [mm]	*5 [mm]*
Contact type	*Female connector/socket; for PCBs*
Product Family	*picoMAX eCOM*
Main product function	*Female connector/socket*
Product type	*Pluggable PCB connectors*

Images & drawings

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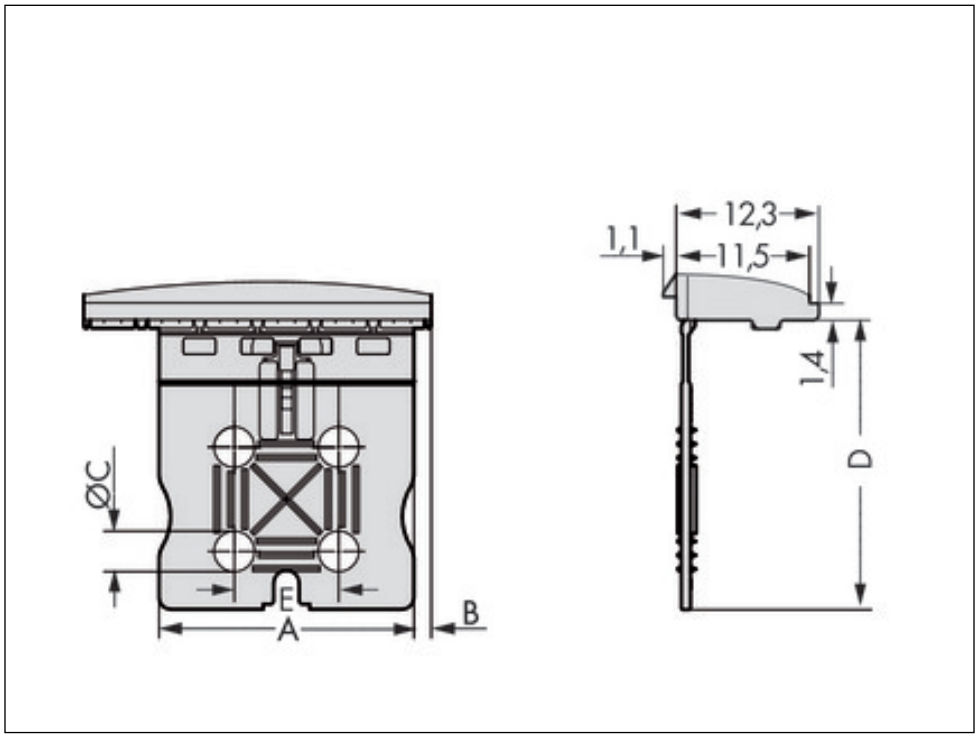
12,3
1,1
11,5
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D
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E
A
B

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