



eCOM pluggable PCB connector with straight solder pins; without gripping plate; 3-pole; Pin spacing 3.5 mm / 0.138 in

Item No.: 2091-1173



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Marking

RoHS ☒
Compliant

Business data

Supplier	WAGO
Item no.	2091-1173
GTIN / EAN	4055143633062
Content	1
Order amount	200
Customer item number	

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

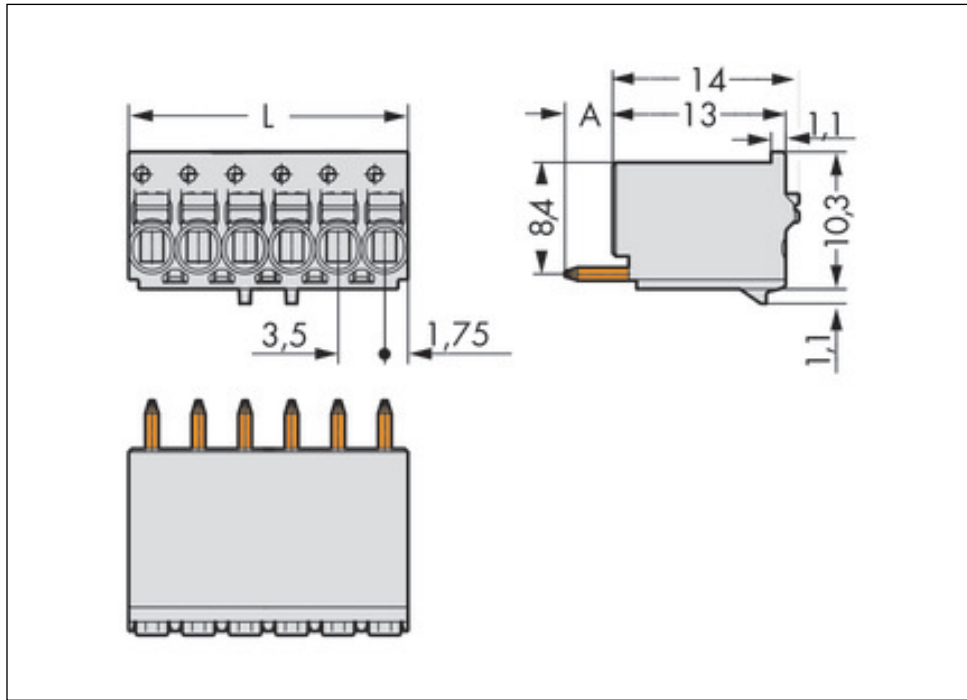
Miscellaneous

Technical data	
Packaging type	BOX
Ratings per	IEC/EN 60664-1
Rated voltage (III / 3) [V]	160 [V]
Rated impulse voltage (III / 3) [kV]	2.5 [kV]
Rated voltage (III/2) [V]	160 [V]
Rated impulse voltage (III / 2) [kV]	2.5 [kV]
Rated voltage (II / 2) [V]	320 [V]
Rated impulse voltage (II / 2) [kV]	2.5 [kV]
Rated current [A]	10 [A]
Legend (ratings)	(III / 2) Overvoltage category III / Pollution degree 2
No. of poles	3
Total number of connection points	3
Total number of potentials	3
Number of connection types	1
Number of levels	1
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating lever
Solid conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.75 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 1.5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
Conductor entry angle to the PCB [°]	90 [°]
Pin spacing	3.5 mm (0.138 in)
Width	10.5 mm / 0.413 Inch
Height	14 mm / 0.551 Inch
Depth	11.4 mm / 0.449 Inch
Solder pin length [mm]	3.6 [mm]
Solder pin diameter [mm]	1 [mm]
Drilled hole diameter (tolerance) [mm]	1.2(+ 0.1) [mm]
Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mismating protection	nein
Mating direction to the PCB [°]	90 [°]

Technical data	
PCB contact	THT
Color	light gray
Material group	I
Insulating material	Polyphthalamide (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]	0.033 [MJ]
Weight [g]	1.636 [g]
Limit temperature range	-60 ... 100 °C
Pin spacing from [in]	0.138 [in]
Pin spacing from [mm]	3.5 [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





Address

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Technische Änderungen und Irrtümer vorbehalten.