



Male header with angled solder pins; 2-pole; Pin spacing 3.5 mm / 0.138 in

Item No.: 2091-1422



Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	2091-1422
GTIN / EAN	4050821161073
Content	1

Notes

Item description: Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header Coding pins inserted into the header interface prevent mismating, allowing subsequent coding in panel feedthrough applications The female connector is fully shrouded by the male header's housing, providing vibration resistance up to 20 g *Safety 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.

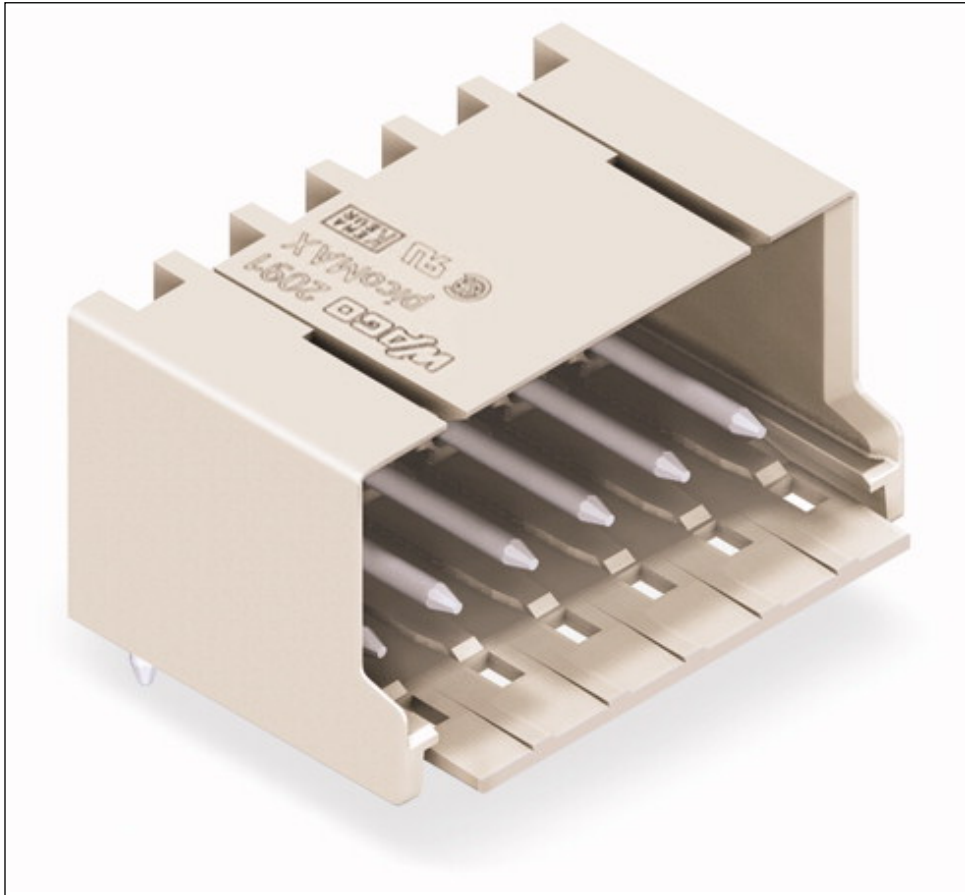
Technical data

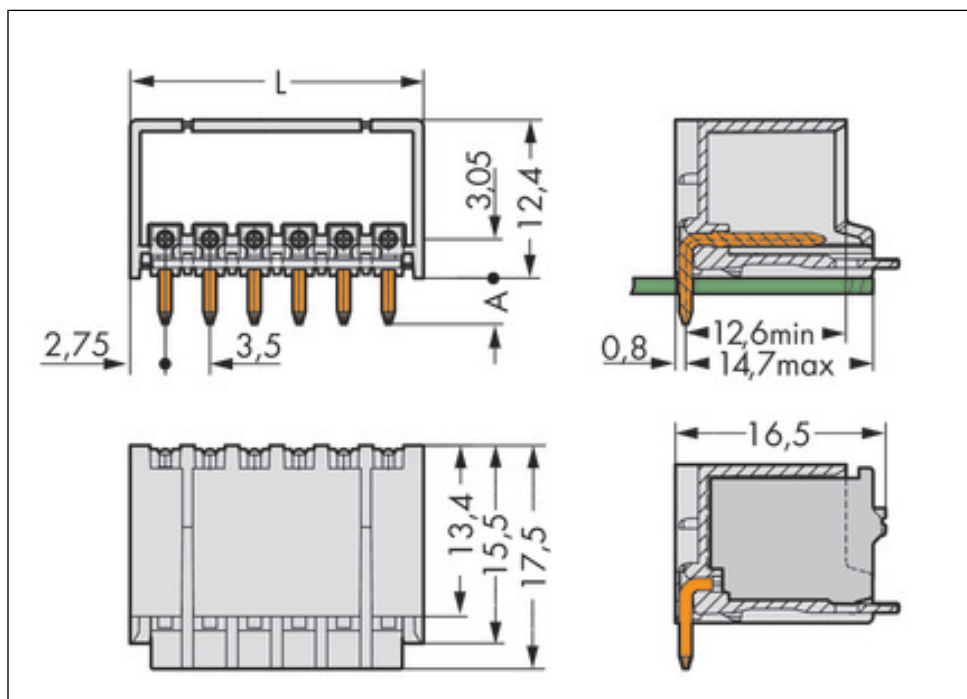
Miscellaneous

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	2
Number of levels	1
Pin spacing	3.5 mm (0.138 in)
Width	9 mm / 0.354 Inch
Height	16 mm / 0.63 Inch
Height from the surface	12.4 mm / 0.488 Inch
Depth	17.5 mm / 0.689 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)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	nein
Locking of plug-in connection	Male locking latch
PCB contact	THT
Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.022 [MJ]
Weight [g]	0.95 [g]
Limit temperature range	-60 ... 100 °C

Technical data	
<i>Pin spacing from [mm]</i>	<i>3.5 [mm]</i>
<i>Contact type</i>	<i>Male connector/plug; for PCBs</i>
<i>Product Family</i>	<i>picoMAX®</i>
<i>Main product function</i>	<i>Male connector/plug</i>
<i>Product type</i>	<i>Pluggable PCB connectors</i>

Images & drawings





Address

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Telefon: 0571/887-0

Fax: 0571/887-169

<http://www.wago.com>

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Technische Änderungen und Irrtümer vorbehalten.