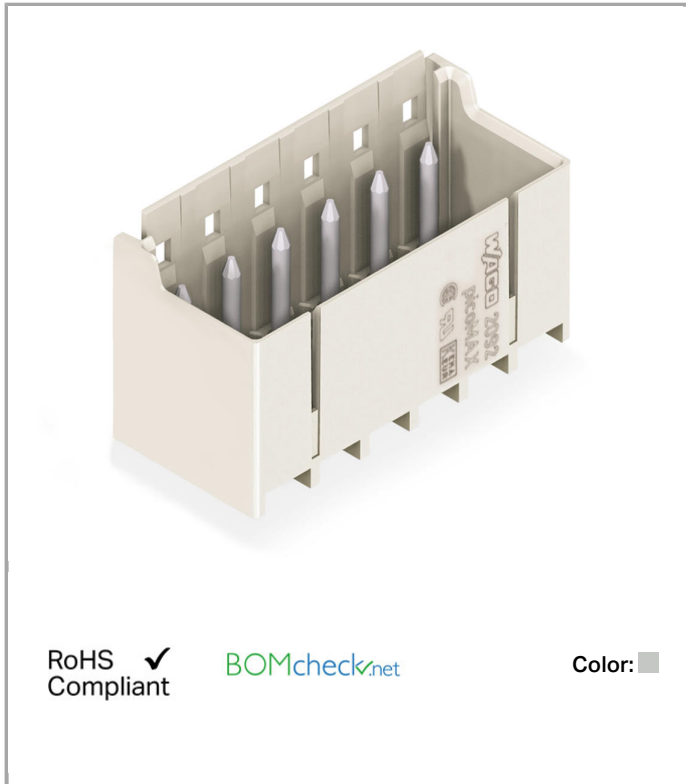


Data sheet | Item number: 2092-1409

THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 9-pole

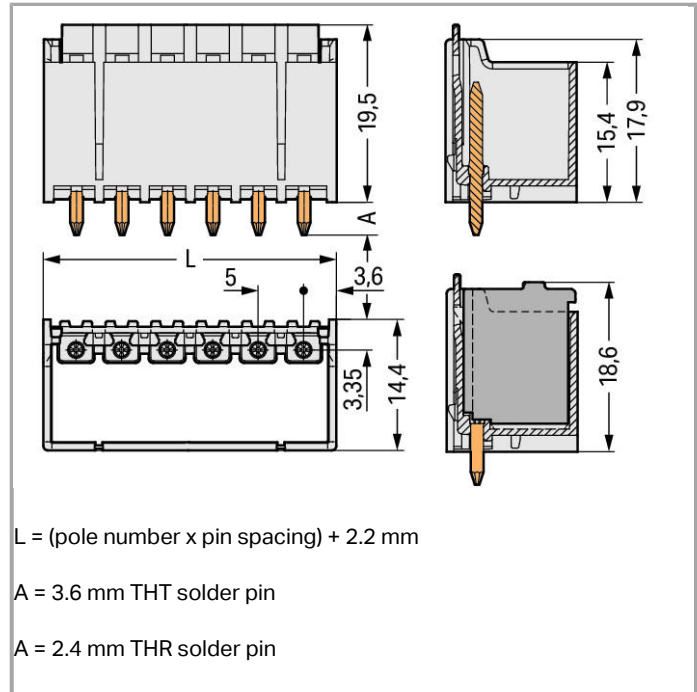
www.wago.com/2092-1409



RoHS
Compliant

BOMcheck.net

Color:



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

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	16 A



Legend (ratings)

(III / 2) ≙ Overvoltage category III / Pollution degree 2

Connection data

No. of poles	9
Number of levels	1
Total number of potentials	9

Geometrical Data

Pin spacing	5 mm (0.197 inch)
Width	47.2 mm / 1.858 inch
Height	23.1 mm / 0.909 inch
Height from the surface	19.5 mm / 0.768 inch
Depth	14.4 mm / 0.567 inch
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter (tolerance)	1.6 ^(+ 0.1) mm

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	90°
Locking of plug-in connection	Male locking latch

PCB contact

PCB contact	THT
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Material Data

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	0.098 MJ
Weight	5.15 g

Environmental Requirements

Limit temperature range	-60 ... +100 °C
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Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4050821821656
Product Group	26 (picoMAX)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CB DEKRA Certification B.V.	NL-49737
	KEMA/KEUR DEKRA Certification B.V.	71-102261

UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45172
	UR Underwriters Laboratories Inc.	E45171

Downloads

CAD files

PCB libraries

DesignSpark Library for WAGO picoMAX [®] Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 2.0 MB	Download
TARGET Library for WAGO picoMAX [®] Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 2.4 MB	Download
EAGLE Library for WAGO picoMAX [®]	2.1 Nov 17, 2017	ZIP 1.9 MB	Download



Product family

picoMAX

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Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.