

Data sheet | Item number: 2092-1705

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



www.wago.com/2092-1705



Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.



Item description

- Solder pin strips may be mounted horizontally or vertically via straight or angled solder pins
- Assembly of female connectors without loss of poles, allowing different functions to be divided within one solder pin strip

Data

Notes

Safety information

The **picoMAX[®] Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected

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/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Connection data

Number of connection types	1
Number of levels	1

Connection 1

Pole number	5
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Physical data

Pin spacing	5 mm / 0.197 inches
Width	27.9 mm / 1.098 inches
Height	14.6 mm / 0.575 inches
Height from the surface	11 mm / 0.433 inches
Depth	2.8 mm / 0.110 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 ^(+0.1) mm

Mechanical Data

Variable coding	No
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Anti-rotation protection	Yes
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Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	Yes
Mating direction to the PCB	90 °
Locking of plug-in connection	none

PCB contact

PCB contact	THT
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Material Data

Note (material data)

Information on material specifications can be found here

Color	black
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Weight	1.1 g

Environmental requirements

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

ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	400 pcs
Packaging type	bag
Country of origin	CN
GTIN	4055143935562
Customs tariff number	85366930000

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	2362521
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102261 REV.2
	UL Underwriters Laboratories Inc.	UL 1977	E45171

Counterpart

Item no. 2092-1125

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 5-pole; 2,50 mm²; light graywww.wago.com/2092-1125

Downloads

Documentation

Additional Information

2019 年4月3日

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2.0 MB

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CAD/CAE-Data

CAD data

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Installation Notes

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