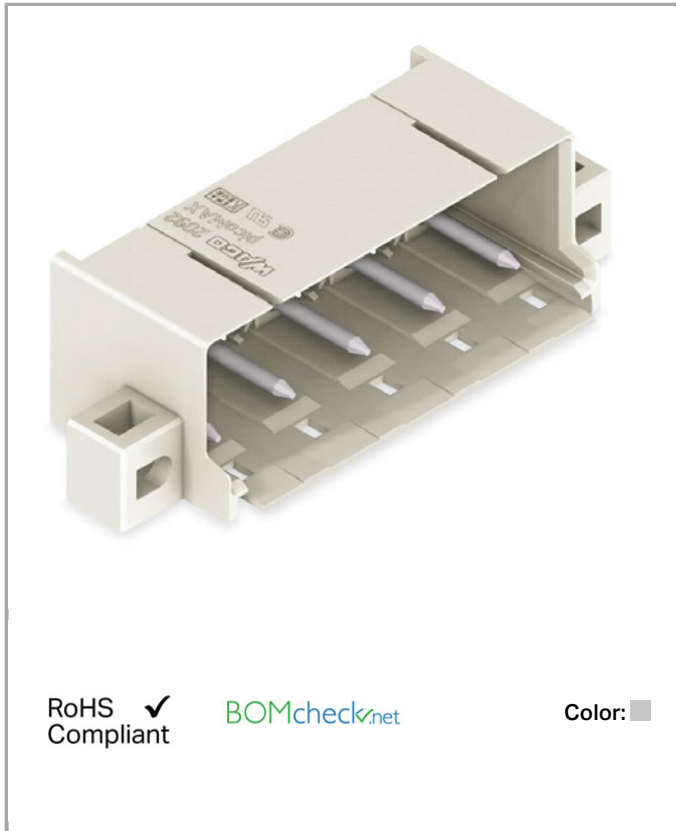


Data sheet | Item number: 2092-3423/205-000

THT male header; 1.4 mm Ø solder pin; angled; clamping collar; Pin spacing 7.5 mm; 3-pole; light gray



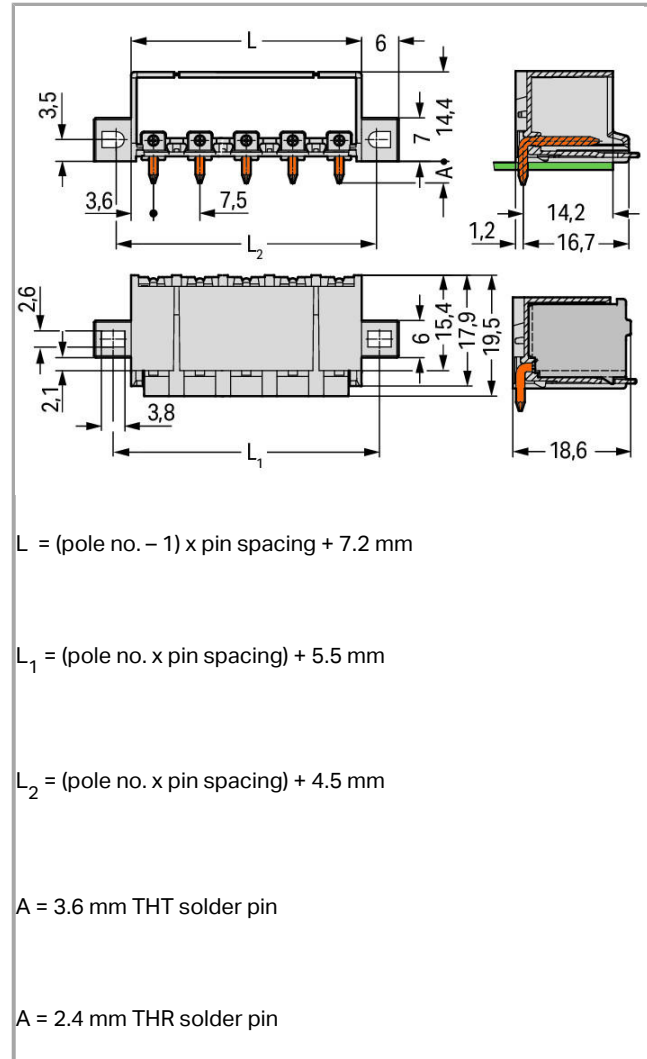
2092-3423_205-000



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 mismatching, 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.

**Data****Electrical data****Ratings per IEC/EN 60664-1**

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 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

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V

Connection data

Total number of potentials	3
Number of connection types	1
Number of levels	1
No. of poles	3

Geometrical Data

Pin spacing	7.5 mm / 0.295 inch
Width	34.2 mm / 1.346 inch
Height	16.8 mm / 0.661 inch
Height from the surface	14.4 mm / 0.567 inch
Depth	19.5 mm / 0.768 inch
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm

Mechanical data

Mounting type	Mounting flange
Type of mounting	Feed-through mounting Panel mounting

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs

Mismating protection	No
Mating direction to the PCB	0°
Locking of plug-in connection	Male locking latch

PCB contact

PCB contact	THR
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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 (E _{Cu})
Contact plating	tin-plated
Fire load	0.066 MJ
Weight	2.84 g

Environmental Requirements



Limit temperature range	-60 +100 °C
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Commercial data

Country of origin	DE
GTIN	4050821396642
Customs Tariff No.	85366990990



Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-49737
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102261
	KEMA/KEUR DEKRA Certification B.V.	IEC 61984	71- 102261

Other Approvals



Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172
	UR Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 2092-3423/205-000	URL	Download
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Product family

picoMAX
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Subject to changes.