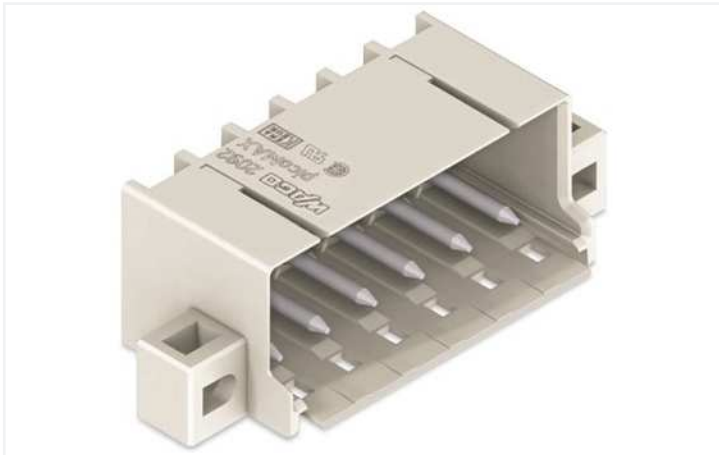


# Data Sheet | Item Number: 2092-1425/205-000

THR male header; 1.4 mm Ø solder pin; angled; clamping collar; Pin spacing 5 mm;

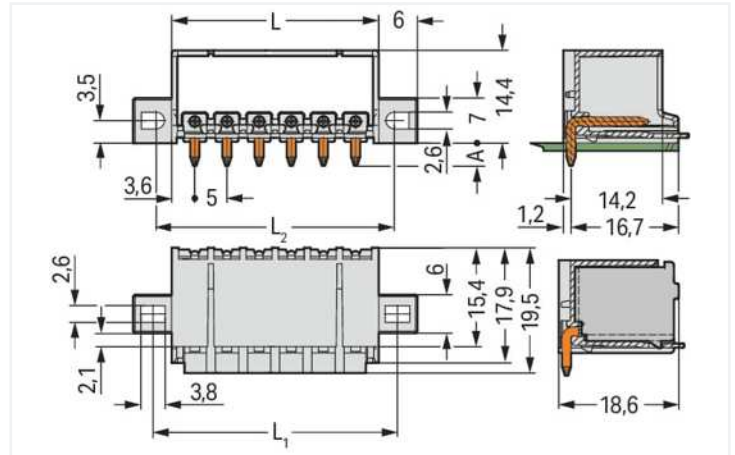
5-pole; light gray

<https://www.wago.com/2092-1425/205-000>



Color:  light gray

Similar to illustration



Dimensions in mm

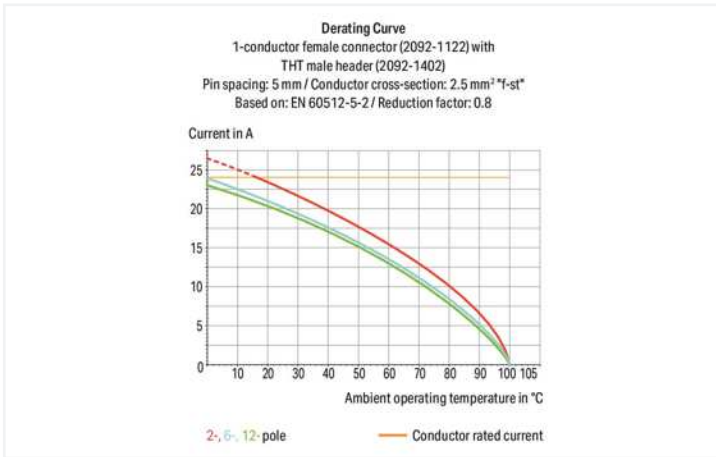
$$L = (\text{pole no.} \times \text{pin spacing}) + 2.2 \text{ mm}$$

$$L1 = (\text{pole no.} \times \text{pin spacing}) + 8 \text{ mm}$$

$$L2 = (\text{pole no.} \times \text{pin spacing}) + 7 \text{ mm}$$

$$A = 3.6 \text{ mm THT solder pin}$$

$$A = 2.4 \text{ mm THR solder pin}$$



- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header (≥ 4 poles)
- 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

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

Variants:

Direct marking  
 Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## 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) Δ Overvoltage category III / Pollution degree 2

### Ratings per UL 1059

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
Rated current UL (Use Group D)	10 A

### Connection data

Total number of potentials	5
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	39.2 mm / 1.543 inches
Height	16.8 mm / 0.661 inches
Height from the surface	14.4 mm / 0.567 inches
Depth	19.5 mm / 0.768 inches
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1.6 <sup>(+0.1)</sup> mm

### Mechanical data

Variable coding	Yes
Mounting type	Mounting flange Feed-through mounting Panel mounting
Anti-rotation protection	Yes

### Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	0°
Locking of plug-in connection	Locking latch

### PCB contact

PCB contact	THR
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## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>CU</sub> )
Contact plating	Tin
Fire load	0.075 MJ
Weight	3.5 g

## Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

## Commercial data

eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821395843
Customs tariff number	85366990990

## Approvals / Certificates

### General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-49737/A1
CSA DEKRA Certification B.V.	C22.2	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.2
UL Underwriters Laboratories Inc.	UL 1977	E45171

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2092-1425/205-000	↓

## Documentation

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	↓
		pdf 392.38 KB	↓

## CAD/CAE-Data

CAD data	
2D/3D Models 2092-1425/205-000	↓

CAE data	
ZUKEN Portal 2092-1425/205-000	↓

## Installation Notes

### Coding



Coding a male header (via coding key carrier and two keys for male header, see symbol).