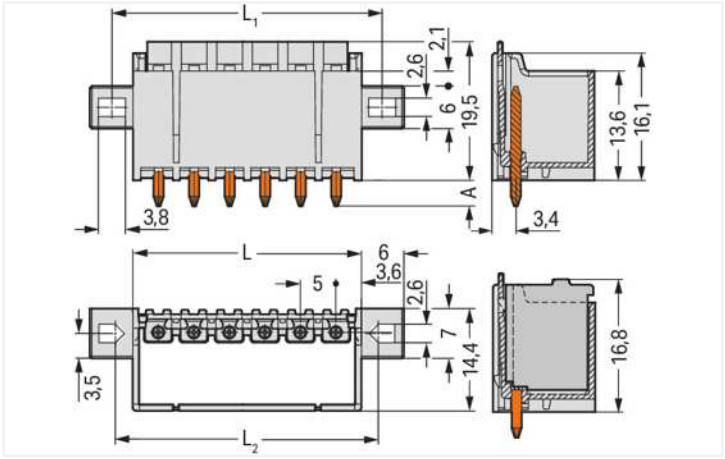
Data Sheet | Item Number: 2092-1405/205-000

THR male header; 1.4 mm Ø solder pin; straight; clamping collar; Pin spacing 5 mm; 5-pole; light gray

https://www.wago.com/2092-1405/205-000

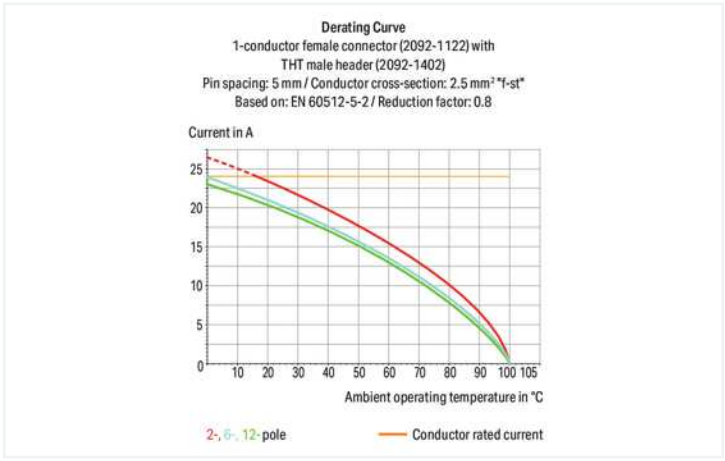
Color: light gray

Similar to illustration



Dimensions in mm

L = (pole no. x pin spacing) + 2.2 mm
L1 = (pole no. x pin spacing) + 8 mm
L2 = (pole no. x pin spacing) + 7 mm
A = 3.6 mm THT solder pin
A = 2.4 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 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

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) ≙ 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

Physical data

Pin spacing	5 mm / 0.197 inches
Width	39.2 mm / 1.543 inches
Height	21.9 mm / 0.862 inches
Height from the surface	19.5 mm / 0.768 inches
Depth	14.4 mm / 0.567 inches
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1.6 $^{(+0.1)}$ 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	90 °
Locking of plug-in connection	Locking latch

PCB contact

PCB contact	THR

 Continued on next page

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin
Fire load	0.075 MJ
Weight	3.4 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)	200 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821395720
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 2092-1405/205-000

Documentation

Additional Information

Technical Section	03.04.2019	pdf 1949.09 KB	
		pdf 392.38 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2092-1405/205-000	ZUKEN Portal 2092-1405/205-000

Installation Notes

Coding

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