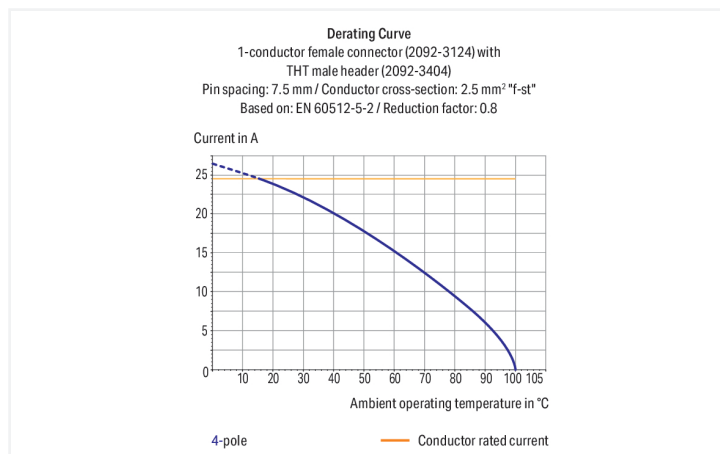


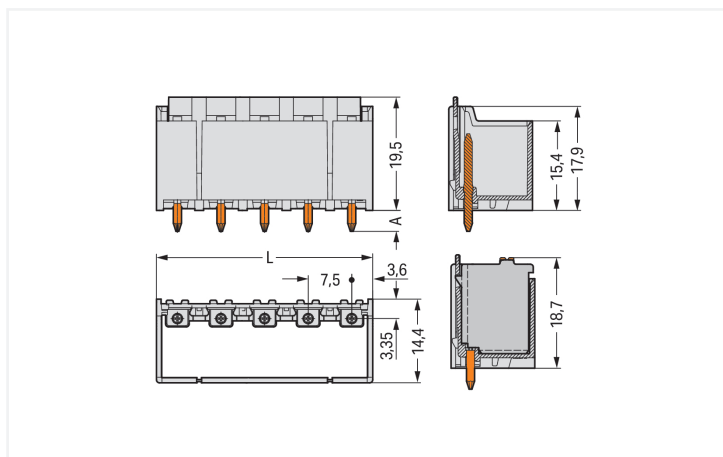
Data Sheet | Item Number: 2092-3405

THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 7.5 mm; 5-pole; light gray

<https://www.wago.com/2092-3405>



Color: ■ light gray



Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing} + 7.2 \text{ mm}$
 $A = 3.6 \text{ mm THT solder pin}$
 $A = 2.4 \text{ mm THR solder pin}$

Male connector, 2092 Series, light gray

This male connector (item number 2092-3405) simplifies electrical installations. The item's dimensions are (37.2 x 23.1 x 14.4) mm (width x height x depth).

Tin is used for coating the contact surfaces. THT is used to solder the pcb connector.



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. 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 60664-1			Approvals per	
		III	III	II	UL 1059	
Overvoltage category		III	III	II	Use group	B C D
Pollution degree		3	2	2	Rated voltage	300 V - 300 V
Nominal voltage		400 V	630 V	1000 V	Rated current	15 A - 10 A
Rated impulse withstand voltage		6 kV	6 kV	6 kV		
Rated current		16 A	16 A	16 A		

Connection Data		
Total number of potentials	5	Connection 1 Pole number 5
Number of connection types	1	
Number of levels	1	

Physical data	
Pin spacing	7.5 mm / 0.295 inches
Width	37.2 mm / 1.465 inches
Height	23.1 mm / 0.909 inches
Height from the surface	19.5 mm / 0.768 inches
Depth	14.4 mm / 0.567 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
!	1.6 (+0.1) mm

Mechanical data	
Variable coding	Yes
Anti-rotation protection	Yes

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	Locking latch



PCB contact		
PCB contact		THT

Material data		
Note (material data)		Information on material specifications can be found here
Color		light gray
Material group		I
Insulation material (main housing)		Polyphthalamide (PPA GF)
Flammability class per UL94		V0
Contact material		Electrolytic copper (E _{Cu})
Contact Plating		Tin
Fire load		0.079 MJ
Weight		3.7 g

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

Commercial data		
Product Group		26 (picoMAX Connectors)
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821164661
Customs tariff number		85366930000

Product Classification		
UNSPSC		39121409
eCl@ss 10.0		27-44-04-02
eCl@ss 9.0		27-44-04-02
ETIM 9.0		EC002637
ETIM 10.0		EC002637
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates

General approvals		
Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-89885
CSA CSA Group	C22.2	2362521
CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172

General approvals		
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-129874
UL Underwriters Laboratories Inc.	UL 1977	E45171



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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-3405

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

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CAD/CAE-Data

CAD data

2D/3D Models 2092-3405

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CAE data

ZUKEN Portal 2092-3405

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PCB Design

Symbol and Footprint via SamacSys 2092-3405

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Symbol and Footprint via Ultra Librarian 2092-3405

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1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 2092-3125

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole; 2,50 mm²; light gray

Item No.: 2092-3105/002-000

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole; Gripping plate sliding connector release; 2,50 mm²; light gray

Item No.: 2092-3105/002-1000

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole; Gripping plate sliding connector release; direct marking; 2,50 mm²; light gray

Item No.: 2092-3105

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 5-pole; Gripping plate; 2,50 mm²; light gray

1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



Item No.: [2092-1610](#)
Coding key carrier; orange

Installation Notes
Coding



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