

Data Sheet | Item Number: 2092-1412

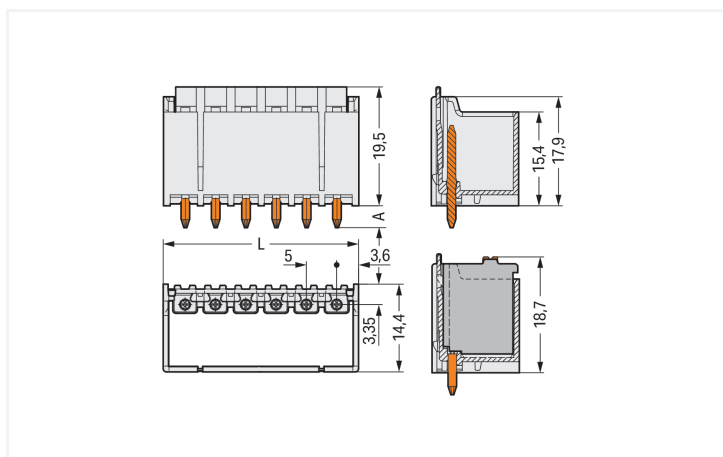
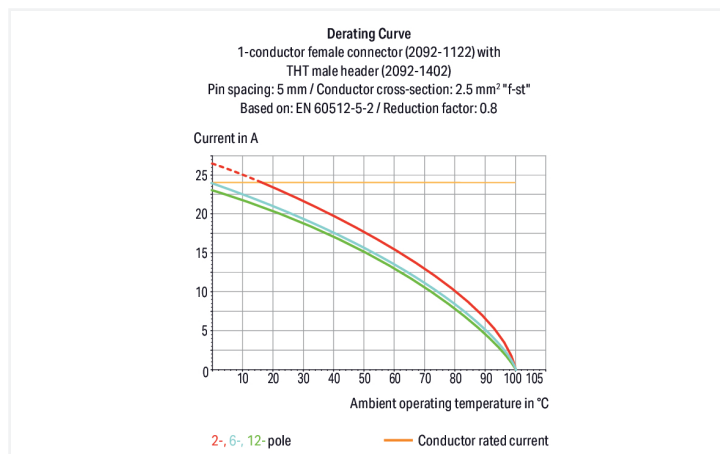
THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 12-pole; light gray

<https://www.wago.com/2092-1412>



Color: ■ light gray

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 2.2 \text{ mm}$
 $A = 3.6 \text{ mm THT solder pin}$
 $A = 2.4 \text{ mm THR solder pin}$

Male connector, 2092 Series, light gray

This male connector (item number 2092-1412) provides fault-free electrical installations. Dimensions: (62.2 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		250 V	320 V	630 V	Rated current	15 A - 10 A
Rated impulse withstand voltage		4 kV	4 kV	4 kV		
Rated current		16 A	16 A	16 A		

Connection Data		
Total number of potentials	12	Connection 1 Pole number 12
Number of connection types	1	
Number of levels	1	

Physical data	
Pin spacing	5 mm / 0.197 inches
Width	62.2 mm / 2.449 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 MJ
Weight		6.7 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		4066966819724
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		General approvals	
   		KEMA/KEUR DEKRA Certification B.V.	
		EN 61984	71-129874
		UL Underwriters Laboratories Inc.	E45171
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	



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1412

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Documentation

Additional Information

Technical Section03.04.2019pdf2027.26 KB

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CAD/CAE-Data

CAD data2D/3D Models2092-1412

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CAE dataZUKEN Portal2092-1412

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PCB Design

Symbol and Footprint via SamacSys2092-1412

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Symbol and Footprint via Ultra Librarian2092-1412

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1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 2092-1132
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 2,50 mm²; light gray



Item No.: 2092-1132/000-1000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; direct marking; 2,50 mm²; light gray



Item No.: 2092-1132/000-5000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; direct marking; 2,50 mm²; light gray



Item No.: 2092-1112/002-000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; Gripping plate sliding connector release; 2,50 mm²; light gray



Item No.: 2092-1112/002-1000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; Gripping plate sliding connector release; direct marking; 2,50 mm²; light gray



Item No.: 2092-1112
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; Gripping plate; 2,50 mm²; light gray



Item No.: 2092-1112/000-1000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; Gripping plate; direct marking; 2,50 mm²; light gray



Item No.: 2092-1112/000-5000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; Gripping plate; direct marking; 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).