

Data Sheet | Item Number: 2092-1705

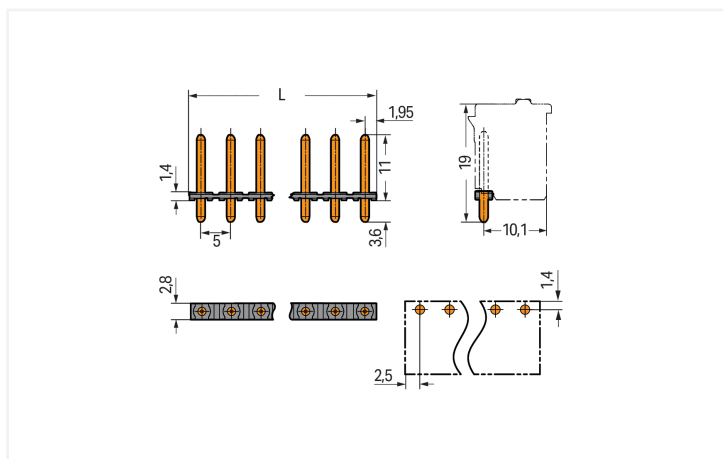
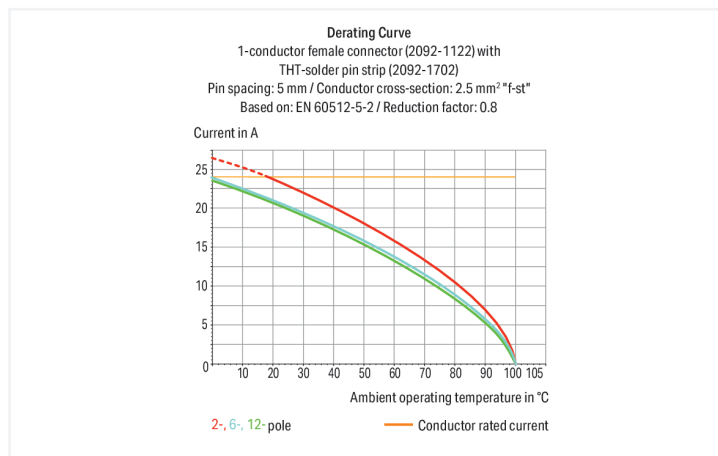
THT pin strip; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 5-pole; black

<https://www.wago.com/2092-1705>



Color: ■ black

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing} + 3.9 \text{ mm}$

Male connector, 2092 Series, with 5 mm pin spacing

Convenient electrical installations are guaranteed with this male connector (item number 2092-1705). Dimensions: (27.9 x 14.6 x 2.8) mm (width x height x depth).

Tin is used for coating the contact surfaces. THT is used to assemble 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.

Electrical data			
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	320 V	630 V
Rated impulse withstand voltage	4 kV	4 kV	4 kV
Rated current	16 A	16 A	16 A

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

Physical data	
Pin spacing	5 mm / 0.197 inches
Width	27.9 mm / 1.098 inches
Height	14.6 mm / 0.575 inches
Height from the surface	11 mm / 0.433 inches
Depth	2.8 mm / 0.110 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
!	1.6 (+0.1) mm

Mechanical data	
Variable coding	No
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 °



PCB contact		
PCB contact		THT

Material data		
Note (material data)		Information on material specifications can be found here
Color		black
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		1 g

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

Commercial data		
PU (SPU)		400 pcs
Packaging type		Bag
Country of origin		CN
GTIN		4055143935562
Customs tariff number		85366930000

Product Classification		
UNSPSC		39121409
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
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-129874
UL Underwriters Laboratories Inc.	UL 1977	E45171



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 2092-1705			

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data			
CAD data			
2D/3D Models 2092-1705			