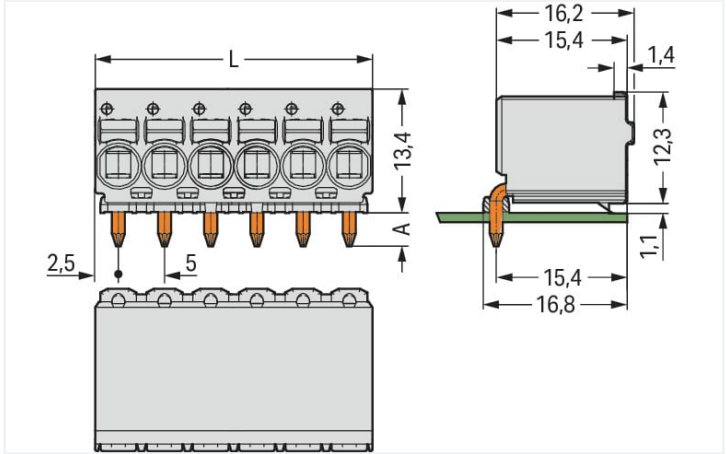


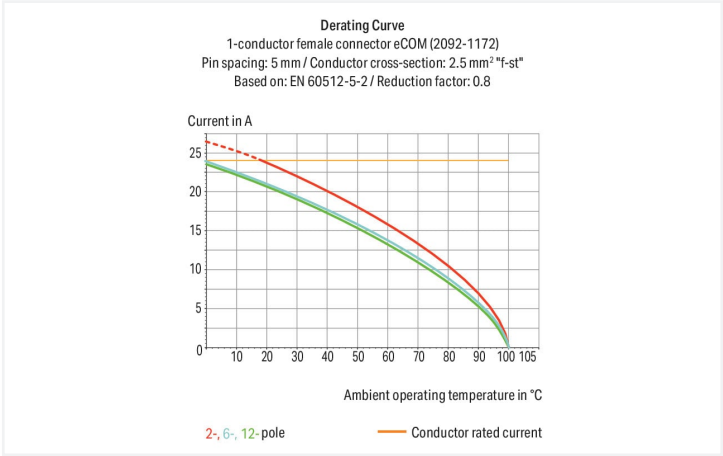
Data Sheet | Item Number: 2092-1376
1-conductor THT female connector angled; push-button; Push-in CAGE CLAMP®;
2.5 mm²; Pin spacing 5 mm; 6-pole; 1.4 mm Ø solder pin; 2,50 mm²; light gray
<https://www.wago.com/2092-1376>



Color: ■ light gray



Dimensions in mm
L = pole no. x pin spacing
A = 3.6 mm THT solder pin
A = 2.4 mm THR solder pin



- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Custom-installed solder pins

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.		

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 surge voltage		4 kV	4 kV	4 kV
Rated current		16 A	16 A	16 A
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		15 A	-	10 A



Connection data																						
Connection points	6	Connection 1 <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Push-button</td></tr><tr><td>Actuation direction 1</td><td>Operation parallel to conductor entry</td></tr><tr><td>Solid conductor</td><td>0.2 ... 2.5 mm² / 24 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.2 ... 2.5 mm² / 24 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.25 ... 1.5 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.25 ... 2.5 mm²</td></tr><tr><td>Strip length</td><td>9 ... 10 mm / 0.35 ... 0.39 inches</td></tr><tr><td>Conductor connection direction to PCB</td><td>0 °</td></tr><tr><td>Pole number</td><td>6</td></tr></table>	Connection technology	Push-in CAGE CLAMP®	Actuation type	Push-button	Actuation direction 1	Operation parallel to conductor entry	Solid conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG	Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG	Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm²	Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²	Strip length	9 ... 10 mm / 0.35 ... 0.39 inches	Conductor connection direction to PCB	0 °	Pole number	6
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Strip length	9 ... 10 mm / 0.35 ... 0.39 inches																					
Conductor connection direction to PCB	0 °																					
Pole number	6																					
Total number of potentials	6																					
Number of connection types	1																					
Number of levels	1																					

Physical data		
Pin spacing		5 mm / 0.197 inches
Width		30 mm / 1.181 inches
Height		13.4 mm / 0.528 inches
Depth		15.4 mm / 0.606 inches
Solder pin length		3.6 mm
Solder pin diameter		1.4 mm
Drilled hole diameter with tolerance		1.6 ^(+0.1) mm

Mechanical data		
Variable coding		No
Anti-rotation protection		Yes

Plug-in connection		
Contact type (pluggable connector)		Female connector/socket
Connector (connection type)		for PCB
Mismating protection		No
Plugging without loss of pin spacing		Yes
Mating direction to the PCB		0 °

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		Polyphthalamide (PPA GF)
Flammability class per UL94		V0
Clamping spring material		Chrome-nickel spring steel (CrNi)
Contact material		Electrolytic copper (E _{Cu})
Contact plating		Tin
Fire load		0.015 MJ
Weight		6.6 g



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

Commercial data	
Product Group	26 (picoMAX Connectors)
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	4050821164982
Customs tariff number	85366990990

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-49737/A1
CSA DEKRA Certification B.V.	C22.2	2362521
CSA DEKRA Certification B.V.	C22.2 No. 158	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 2092-1376	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data

CAD data
2D/3D Models 2092-1376

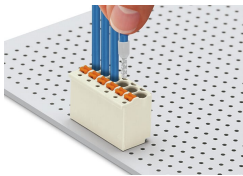
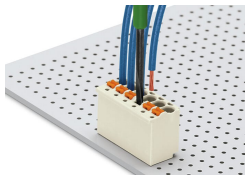


CAE data
ZUKEN Portal 2092-1376



Installation Notes

Conductor termination



Terminating fine-stranded conductors and removing all conductor types via push-buttons.

Solid and ferruled conductors are terminated by simply pushing them into unit.

Marking



Pole marking via direct marking perpendicular to conductor entry.

Pole marking via factory direct marking.

Testing



Testing via 1 mm Ø test pin – touch contact.