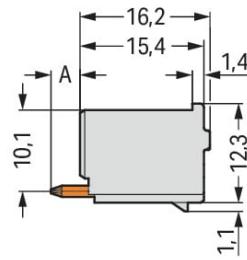
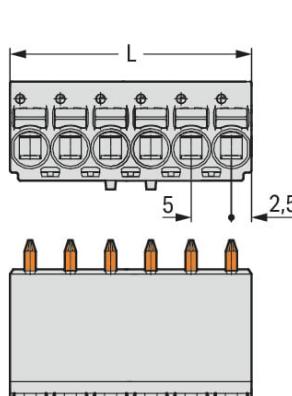




Color: light gray

Similar to illustration

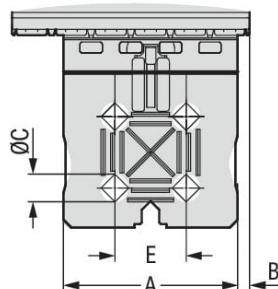


Dimensions in mm

L = pole no. x pin spacing

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin



Dimensions in mm

L = pole no. x pin spacing

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- 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	4
Total number of potentials	4
Number of connection types	1
Number of levels	1

### Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Actuation direction 1	Operation parallel to conductor entry
Solid conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup>
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
Conductor connection direction to PCB	90 °
Pole number	4

### Physical data

Pin spacing	5 mm / 0.197 inches
Width	20 mm / 0.787 inches
Height	34 mm / 1.339 inches
Depth	13.4 mm / 0.528 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 <sup>(+0.1)</sup> mm

### Mechanical data

Variable coding	No
Design	with gripping plate
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	90 °

**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

0.092 MJ

Weight

4.7 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	4050821163572
Customs tariff number	85366990990

**Environmental Product Compliance**

RoHS Compliance Status

Compliant, No Exemption

**Approvals / Certificates****General approvals****General approvals**

UL	UL 1977	E45171
Underwriters Laboratories Inc.		

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

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance 2092-1154



## Documentation

#### Additional Information

Technical Section

03.04.2019

pdf

1949.09 KB



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Test and measurement

##### 1.1.1.1 Testing accessories



###### Item No.: 735-500

WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm<sup>2</sup>

### 1.1.2 Tool

#### 1.1.2.1 Operating tool



###### Item No.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: [www.wago.com](https://www.wago.com)