

# CUC-USB2.0-J1ST-AH/UAF-THT - USB PCB connectors



1332631  
<https://www.phoenixcontact.com/us/products/1332631>

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USB PCB connectors, number of positions: 4, 480 Mbps, Wave soldering, degree of protection: IP20, connection method: Solder connection

## Your advantages

- Optimized for wave soldering
- Data transmission up to 480 Mbps
- Comfortable tray packing

## Commercial data

Item number	1332631
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AB14
Product key	ABNDAA
GTIN	4063151630225
Weight per piece (including packing)	2.37 g
Weight per piece (excluding packing)	2.37 g
Customs tariff number	85366930
Country of origin	CN

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## Technical data

### Product properties

Product type	Data connector (device side)
Sensor type	USB 2.0
Number of positions	4
Connection profile	USB-A
Number of slots	1
Shielded	yes

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Rated voltage (III/2)	30 V
Rated surge voltage (III/2)	1500 V
Rated current	1.5 A
Contact resistance	30 mΩ
Frequency range	50 Hz ... 2000 Hz
Insulation resistance	1000 MΩ
Transmission medium	Copper
Transmission speed	480 Mbps
Transmission characteristics (category)	USB 2.0
Transmission speed	480 Mbps
Power transmission	45 W

### Connection data

#### Connection technology

Connection method	Solder connection
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### Dimensions

Width	7 mm
Height	14.6 mm
Length	19.3 mm
Orientation to PCB	90.00 °

### Material specifications

Color (Housing)	black (RAL 9005)
Material Contact	Copper alloy
Material Contact carrier	PA 4T
Material Housing	Metal
Flammability rating according to UL 94	V0

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## Cable/line

Test voltage Core/Core	500 V
Test voltage Core/Shield	500.00 V
Halogen-free	yes

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	> 1500
Insertion force per signal contact	35.00 N
Extraction force per signal contact	< 10 N

## Environmental and real-life conditions

### Test specification

Specification	EIA 364-1000
Frequency	50-2000 Hz
Sweep speed	1 octave/min
Acceleration	5.40 m/s <sup>2</sup>
Test duration	15.00 min
Contact resistance R <sub>1</sub>	30.00 mΩ

### Test specification

Specification	60068-2-27
Acceleration	30.00 g
Number of shocks per direction	18.00

### Ambient conditions

Degree of protection (when plugged in)	IP20
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

## Mounting

Mounting type	Wave soldering
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### Processing notes

Process	Wave soldering
Classification temperature T <sub>c</sub>	260 °C

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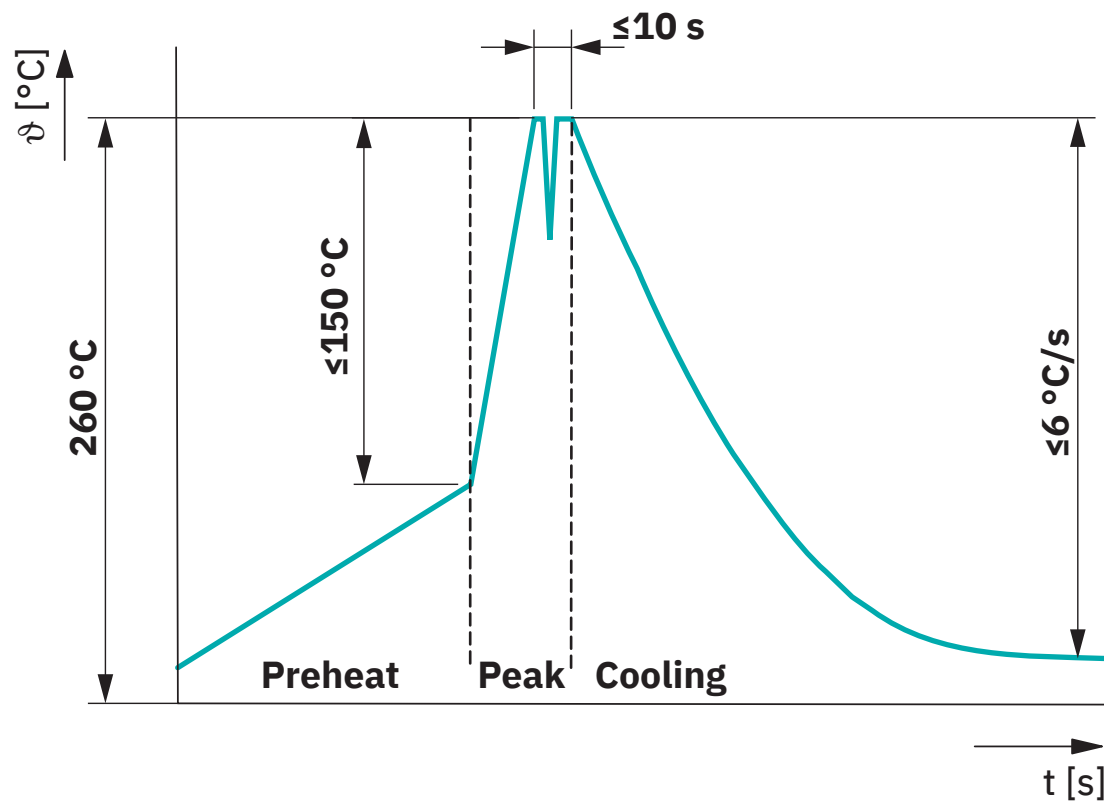


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## Drawings

Diagram



Classification wave soldering profile

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## Classifications

### ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

### ETIM

ETIM 9.0	EC002637
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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