

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



1332632

<https://www.phoenixcontact.com/us/products/1332632>

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USB PCB connectors, degree of protection: IP20, number of positions: 4, 480 Mbps, material: Metal, connection method: Solder connection, USB 2.0

## Your advantages

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

## Commercial data

Item number	1332632
Packing unit	110 pc
Minimum order quantity	110 pc
Sales key	AB14
Product key	ABNDAA
GTIN	4063151630232
Weight per piece (including packing)	2.43 g
Weight per piece (excluding packing)	2.22 g
Customs tariff number	85366930
Country of origin	CN

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## Technical data

### Product properties

Type	USB-A
Product type	Data connector (device side)
Sensor type	USB 2.0
Number of positions	4
Type of packaging	Tray
Connection profile	USB-A
Number of slots	1
Type	Socket
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 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	14.4 mm
Height	7 mm
Length	14.9 mm
Orientation to	180.00 °

### Material specifications

Color of the housing part	black
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Gold over nickel

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Contact carrier material	PA 4T
Housing material	Metal

## Cable/line

Test voltage Core/Core	500 V
Test voltage Core/Shield	500.00 V
Acceleration	3.1 m/s <sup>2</sup>
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	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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## Classifications

### ECLASS

ECLASS-11.0	27440390
ECLASS-12.0	27440390
ECLASS-13.0	27460201

### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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