

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, degree of protection: IP20, number of positions: 4, 480 Mbps, material: Metal, connection method: Solder connection, cable outlet: straight, USB 2.0



Your advantages

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

Commercial data

Item number	1332631
Packing unit	1 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	85366990
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
Cable outlet	straight

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

Material specifications

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

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Contact surface material	Gold over nickel
Contact carrier material	PA 4T
Housing material	Metal

Cable/line

Test voltage Core/Core	500 V
Test voltage Core/Shield	500 V
Acceleration	3.1 m/s ²
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	5.4 m/s ²
Test duration	15 min.
Contact resistance R ₁	30 mΩ

Test specification

Specification	60068-2-27
Acceleration	30 g
Number of shocks per direction	18

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

Mounting

Mounting type	Wave soldering
Connection method	Solder connection

Processing notes

Process	Wave soldering
Classification temperature T _c	260 °C

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001121
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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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