

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, 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	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)
Type	USB-A
Sensor type	USB 2.0
Number of positions	4
Connection profile	USB-A
Type of packaging	Tray
Number of slots	1
Type	Socket
Shielded	yes

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Data management status

Article revision	00
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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 PCB	90.00 °

Material specifications

Color of the housing part	black
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Flammability rating according to UL 94	V0
Housing material	Metal
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PA 4T

Cable/line

Test voltage Core/Core	500 V
Test voltage Core/Shield	500.00 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	5.40 m/s ²
Test duration	15.00 min
Contact resistance R ₁	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 _c	260 °C

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Classifications

ECLASS

ECLASS-11.0	27440390
ECLASS-12.0	27440390
ECLASS-13.0	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
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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