CUC-USB3.0-J1ST-AV/UAF-THT - USB PCB connectors

1332636

https://www.phoenixcontact.com/us/products/1332636

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Your advantages

- Optimized for wave soldering
- Data transmission up to 5 Gbps
- Comfortable tray packing

Commercial data

Item number	1332636
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AB14
Product key	ABNDAB
GTIN	4063151629946
Weight per piece (including packing)	5.33 g
Weight per piece (excluding packing)	5.33 g
Customs tariff number	85366930
Country of origin	CN

Technical data

Product properties

Product type	Data connector (device side)
Sensor type	USB 3.0
Number of positions	9
Connection profile	USB-A
Number of slots	1
Shielded	yes

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage	30 V
Rated surge voltage	1.5 kV
Rated current	1.8 A
Contact resistance	30 mΩ
Frequency range	20 Hz ... 500 Hz
Insulation resistance	1000 MΩ
Transmission speed	5 Gbps
Transmission characteristics (category)	USB 3.2 Gen 1
Transmission speed	5 GBit/s
Power transmission	54 W

Connection data

Connection technology

Connection method	Solder connection

Dimensions

Width	7.2 mm
Height	12.5 mm
Length	24.2 mm
Orientation to PCB	90.00 °

Material specifications

Color (Housing)	blue (RAL 5015)
Material Contact	Copper alloy
Material Contact carrier	PA 4T
Material Housing	Metal

Cable/line

Test voltage Core/Core	500 V

Test voltage Core/Shield	500.00 V
Halogen-free	yes
Flame resistance	UL 94 V0

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 5000
Insertion force	35 N
Withdrawal force	< 10 N

Environmental and real-life conditions

Test specification

Specification	EIA 364-1000
Frequency	20-500 Hz
Sweep speed	1 octave/min
Acceleration	3.10 m/s²
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 (when plugged in)	IP20
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

Standards and regulations

Flame resistance	UL 94 V0

Mounting

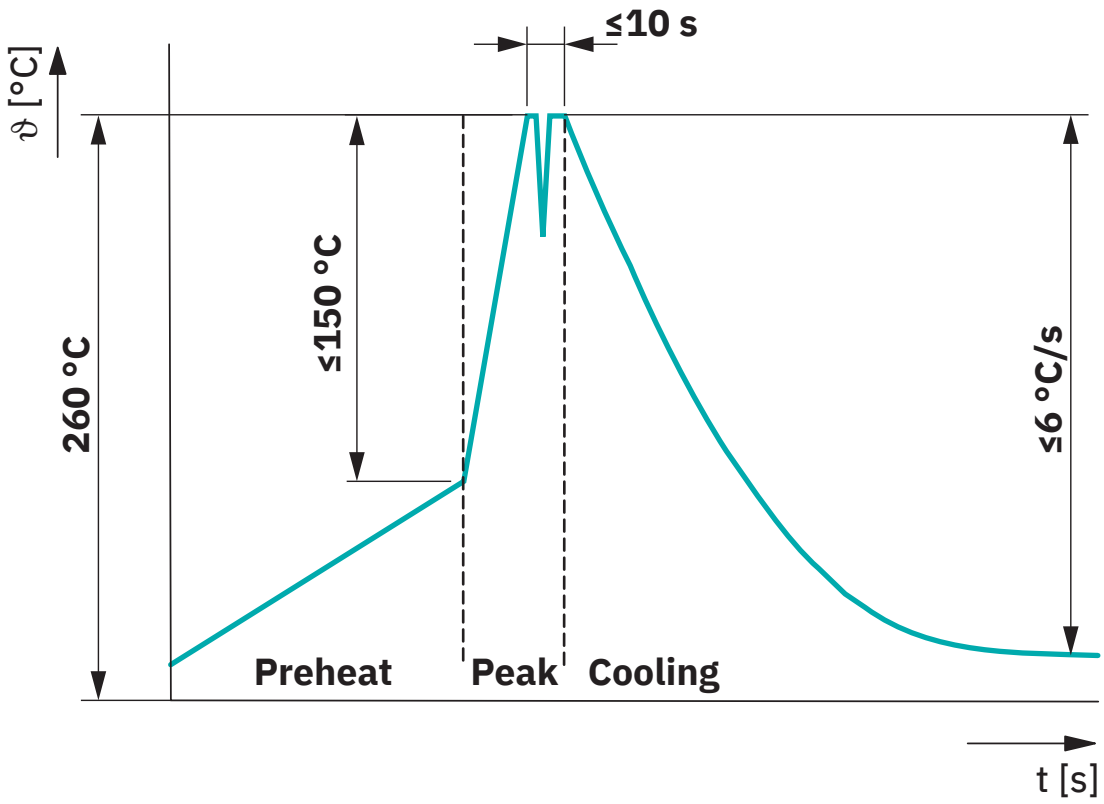
Mounting type	Wave soldering

Processing notes

Process	Wave soldering
Classification temperature T_c	260 °C

Drawings

Diagram



Classification wave soldering profile

Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 9.0	EC002637

UNSPSC

UNSPSC 21.0	39121400

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%

Phoenix Contact 2025 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com