

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



1332632

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

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.



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 | 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 |

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



1332632

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

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 | 30 V |
| Rated surge voltage | 1.5 kV |
| Rated current | 1.5 A |
| Contact resistance | 30 mΩ |
| Frequency range | 50 Hz ... 2000 Hz |
| Insulation resistance | 1000 MΩ |
| 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 |
|-------------------|-------------------|

Dimensions

| | |
|--------------------|----------|
| Width | 14.4 mm |
| Height | 7 mm |
| Length | 14.9 mm |
| Orientation to PCB | 180.00 ° |

Material specifications

| | |
|--------------------------|------------------|
| Color (Housing) | black (RAL 9005) |
| Material Contact | Copper alloy |
| Material Contact carrier | PA 4T |
| Material Housing | Metal |

Cable/line

| | |
|------------------------|-------|
| Test voltage Core/Core | 500 V |
|------------------------|-------|

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



1332632

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

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

Mechanical properties

Mechanical data

| | |
|-----------------------------|--------|
| Insertion/withdrawal cycles | > 1500 |
| Insertion force | 35 N |
| Withdrawal force | < 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 (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 |

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

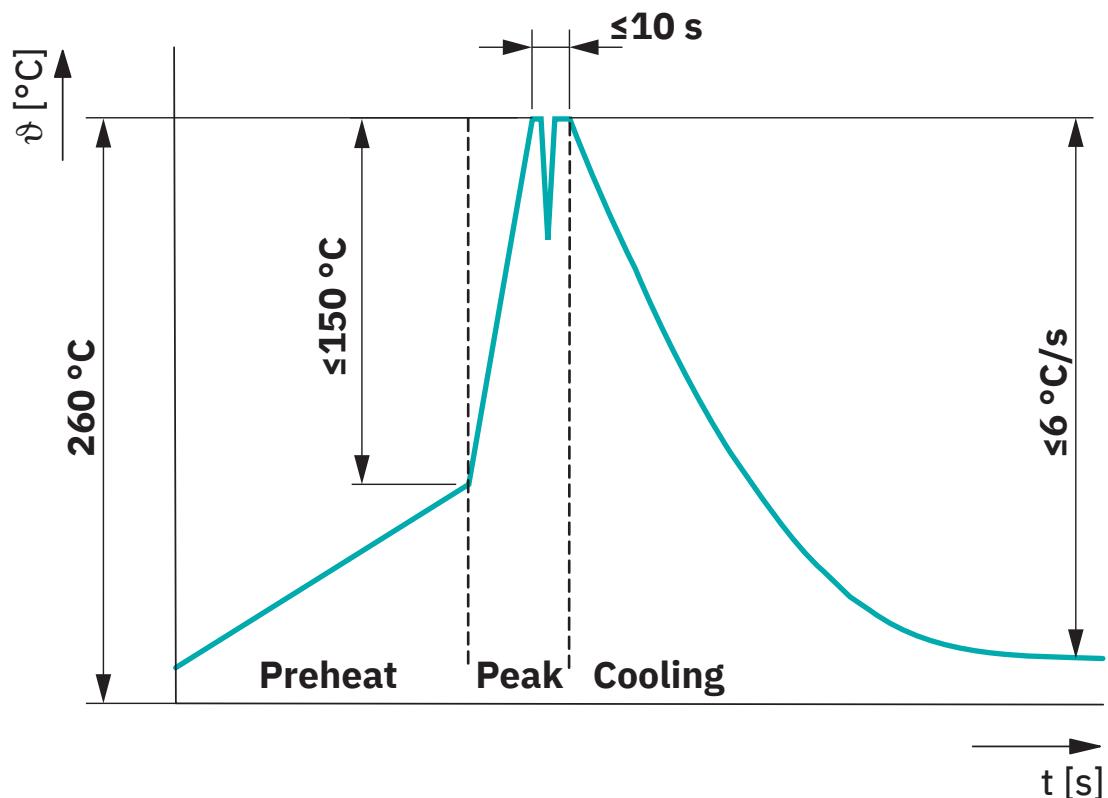


1332632

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

Drawings

Diagram



Classification wave soldering profile

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



1332632

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

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27460201 |
| ECLASS-15.0 | 27460201 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002637 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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



1332632

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

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