

# CUC-USB3.1-J1ST-S/UCF-SMD - USB PCB connectors



1332646

<https://www.phoenixcontact.com/us/products/1332646>

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, connection direction of the connector to the PCB: 180 °, number of positions: 24, 10 Gbps, SMD soldering, IP20

## Your advantages

- Optimized for SMD reflow soldering processes
- Data transmission up to 10 Gbps
- Can be processed automatically thanks to tape-on-reel packaging

## Commercial data

Item number	1332646
Packing unit	500 pc
Minimum order quantity	500 pc
Sales key	AB14
Product key	ABNDAC
GTIN	4063151629953
Weight per piece (including packing)	1.19 g
Weight per piece (excluding packing)	1 g
Customs tariff number	85366930
Country of origin	CN

# CUC-USB3.1-J1ST-S/UCF-SMD - USB PCB connectors



1332646

<https://www.phoenixcontact.com/us/products/1332646>

## Technical data

### Product properties

Orientation to PCB	180.00 °
Number of positions	24
Transmission speed	10 Gbps

### Electrical properties

Rated voltage	20 V
Rated surge voltage	1.5 kV
Rated current	5 A
Insulation resistance	100 MΩ

### Dimensions

Length	6.6 mm
Width	11 mm
Height	3.16 mm

### Material specifications

Material Contact carrier	LCP
Flame resistance	UL 94 V0
Halogen-free	yes
Material Housing	Metal
Material Contact	Copper alloy

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 10000
Insertion force	20 N
Withdrawal force	< 8 N

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-55 °C ... 85 °C
Degree of protection (plugged in)	IP20
Degree of protection (Not plugged in)	IP20

#### Test specification for vibration - sine

Amplitude	1.52 mm
Sweep speed	1 octave/min

### Mounting

#### Processing notes

# CUC-USB3.1-J1ST-S/UCF-SMD - USB PCB connectors



1332646

<https://www.phoenixcontact.com/us/products/1332646>

Mounting type	SMD soldering
Moisture Sensitive Level	MSL 1 ()
Solder cycles in the reflow	3 ()

# CUC-USB3.1-J1ST-S/UCF-SMD - USB PCB connectors



1332646

<https://www.phoenixcontact.com/us/products/1332646>

## Drawings

Diagram



Classification reflow soldering profile

# CUC-USB3.1-J1ST-S/UCF-SMD - USB PCB connectors



1332646

<https://www.phoenixcontact.com/us/products/1332646>

## Classifications

### ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

### ETIM

ETIM 10.0	EC002637
-----------	----------

### UNSPSC

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

# CUC-USB3.1-J1ST-S/UCF-SMD - USB PCB connectors



1332646

<https://www.phoenixcontact.com/us/products/1332646>

## 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 2026 © - 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](mailto:info@phoenixcon.com)