

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



1332646

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

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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

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## 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

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

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Drawings

Diagram



Classification reflow soldering profile

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## Classifications

### ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

### ETIM

ETIM 10.0	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
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### 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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### EF3.1 Climate Change

CO2e kg	0.242 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)