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, 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

Technical data

Product properties

Orientation to PCB	180.00 °
Connection profile	USB-C
Number of positions	24

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

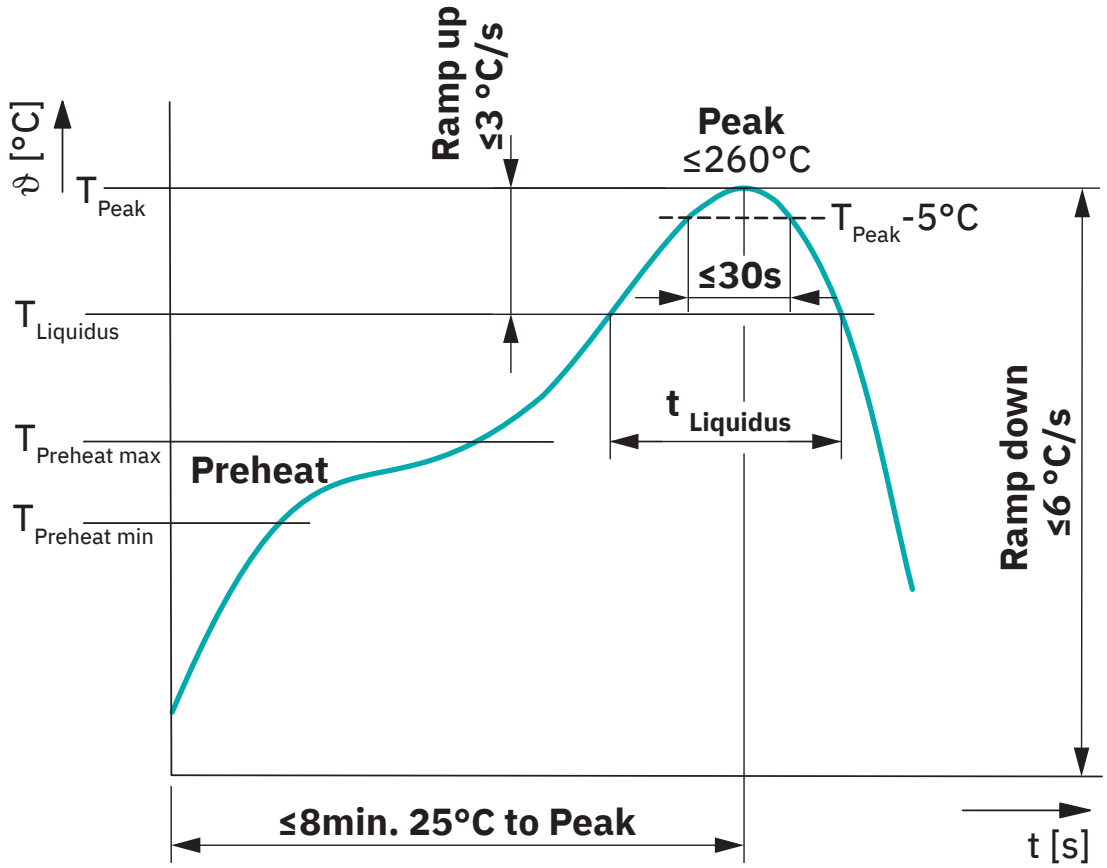
Mounting

Processing notes

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

Drawings

Diagram



Classification reflow soldering profile

Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 10.0	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%

EF3.1 Climate Change

CO2e kg	0.242 kg CO2e

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