CUC-USB3.1-J1ST-AH/UCF-SMD/THR - USB PCB connectors

1332643

https://www.phoenixcontact.com/us/products/1332643

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USB PCB connectors, connection direction of the connector to the PCB: 90 °, number of positions: 24, THR soldering, IP20

Your advantages

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

Commercial data

Item number	1332643
Packing unit	800 pc
Minimum order quantity	800 pc
Sales key	AB14
Product key	ABNDAC
GTIN	4063151630249
Weight per piece (including packing)	1.095 g
Weight per piece (excluding packing)	1 g
Customs tariff number	85366930
Country of origin	CN

Technical data

Product properties

Orientation to PCB	90.00 °
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	9.87 mm
Width	9.85 mm
Height	3.31 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)	-25 °C ... 85 °C
Degree of protection (plugged in)	IP20
Degree of protection (Not plugged in)	IP20

Test specification for vibration - sine

Acceleration	3.1g rms
Amplitude	1.52 mm
Sweep speed	1 octave/min

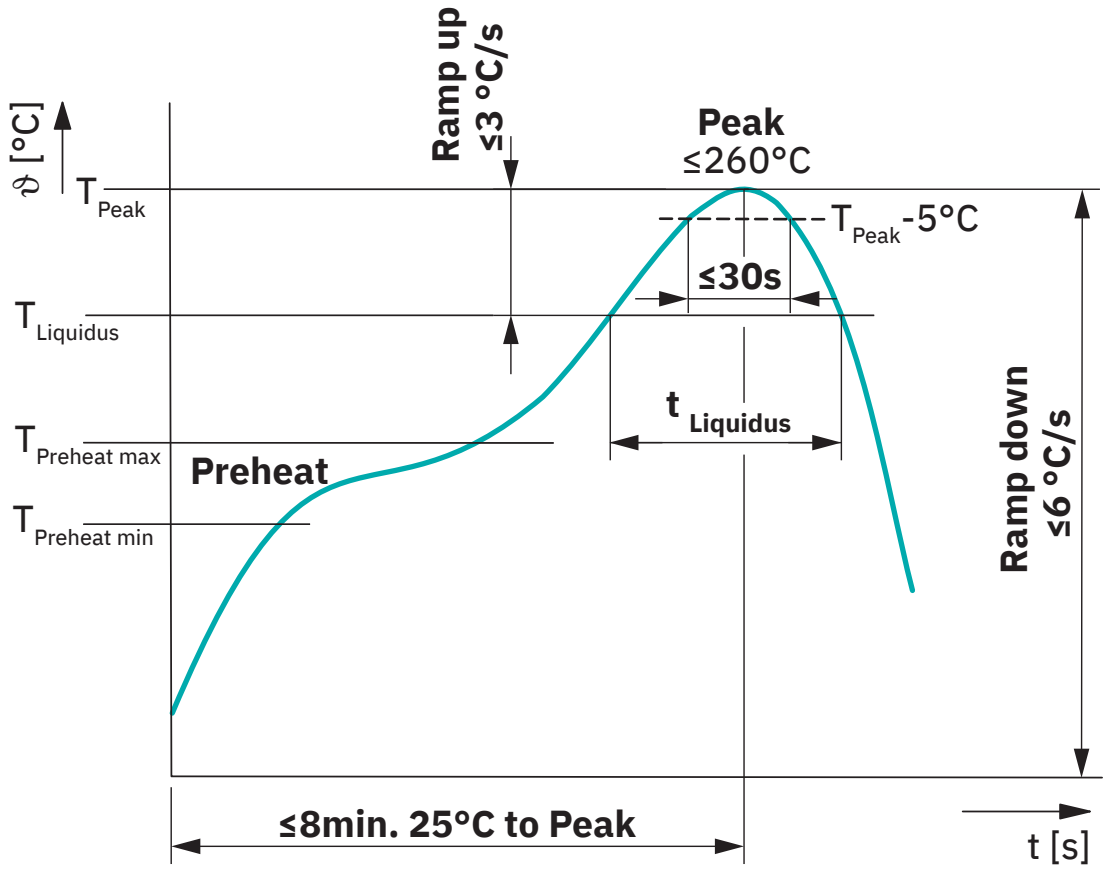
Mounting

Processing notes

Mounting type	THR 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	0.173 kg CO2e

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