

CUC-HDMI-J1ST-S/HAF-SMD - HDMI PCB connectors



1332073

<https://www.phoenixcontact.com/us/products/1332073>

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.



HDMI PCB connectors, design: HDMI A, degree of protection: IP20, number of positions: 19, 14 Gbps, material: Plastic, connection method: Solder connection, cable outlet: straight

Your advantages

- Optimized for SMD reflow soldering processes
- Reliable transmission of 4K videos
- Can be processed automatically thanks to tape-on-reel packaging

Commercial data

Item number	1332073
Packing unit	300 pc
Minimum order quantity	300 pc
Sales key	AB14
Product key	ABNEAA
GTIN	4063151628864
Weight per piece (including packing)	3.2 g
Weight per piece (excluding packing)	3.2 g
Customs tariff number	85366930
Country of origin	CN

1332073

<https://www.phoenixcontact.com/us/products/1332073>

Technical data

Product properties

Product type	Data connector (device side)
Type	HDMI
Number of positions	19
Type of packaging	Tape and Reel
[W] tape width	32.00 mm
[A] coil diameter	330.00 mm
Number of slots	1
Type	Socket
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/2)	40 V
Rated surge voltage (III/2)	1500 V
Rated current	0.5 A
Insulation resistance	100 MΩ
Test voltage	300 V AC
Contact resistance	20 mΩ
Transmission medium	Copper
Transmission speed	14,4 GBit/s

Connection data

Connection technology

Connection method	Solder connection
-------------------	-------------------

Dimensions

Width	16 mm
Height	7.31 mm
Length	10.5 mm

Material specifications

Color of the housing part	black
Material	Selective gold plating
	Nickel coating 50 µ min
Material Metal surface soldering area (top layer)	Tin coating 100 µ min
Flammability rating according to UL 94	V0
Housing material	Plastic

1332073

<https://www.phoenixcontact.com/us/products/1332073>

Contact material	Copper alloy
Contact surface material	Gold over nickel

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	10000
Insertion force per signal contact	44.00 N
Extraction force per signal contact	< 10 N

Environmental and real-life conditions

Test specification

Specification	EIA 364-1000
Contact resistance R_1	30.00 m Ω

Test specification

Specification	EIA 364-28
Frequency	10Hz - 200Hz
Sweep speed	1 octave/min
Amplitude	1.52 mm
Acceleration	15.00 m/s ²
Test duration	12.00 min

Test specification

Specification	EIA 364-27
Acceleration	50.00 m/s ²
Number of shocks per direction	18.00

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 85 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C

Mounting

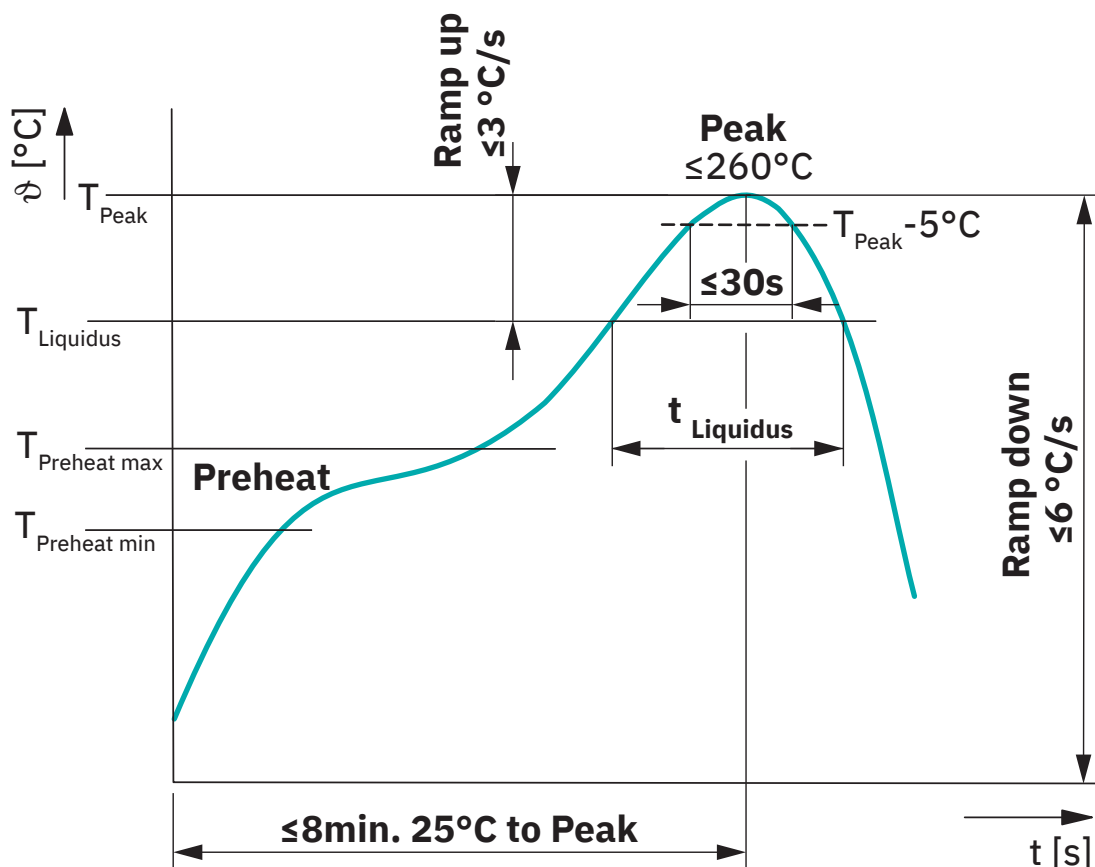
Mounting type	SMD soldering
---------------	---------------

Processing notes

Process	THR/SMD
Moisture Sensitive Level	MSL 1
Classification temperature T_c	260 °C
Solder cycles in the reflow	3

Drawings

Diagram



Classification reflow soldering profile

CUC-HDMI-J1ST-S/HAF-SMD - HDMI PCB connectors



1332073

<https://www.phoenixcontact.com/us/products/1332073>

Classifications

ECLASS

ECLASS-13.0	27460201
-------------	----------

ETIM

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

UNSPSC

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

1332073

<https://www.phoenixcontact.com/us/products/1332073>

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