

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



1332071

<https://www.phoenixcontact.com/us/products/1332071>

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, number of positions: 19, 14,4 GBit/s, SMD soldering



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	1332071
Packing unit	300 pc
Minimum order quantity	300 pc
Sales key	AB14
Product key	ABNEAA
GTIN	4063151628857
Weight per piece (including packing)	3.38 g
Weight per piece (excluding packing)	3.38 g
Customs tariff number	85366930
Country of origin	CN

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



1332071

<https://www.phoenixcontact.com/us/products/1332071>

Technical data

Product properties

Product type	Data connector (device side)
Type	HDMI A
Number of positions	19 ()
Transmission speed	14,4 GBit/s

Electrical properties

Rated voltage	40 V
Rated surge voltage	1.5 kV
Rated current	0.5 A (Contacts)
Insulation resistance	100 MΩ
Transmission speed	14.4 Gbps
Transmission speed	14,4 GBit/s

Connection data

Connection technology

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

Dimensions

Width	15 mm
Height	6.18 mm
Length	12.16 mm

Material specifications

Color (Housing)	black (RAL 9005)
Material	Selective gold plating
	Nickel coating 50 μ min
Material Metal surface soldering area (top layer)	Tin coating 100 μ min

Cable/line

Flame resistance	UL 94 V0
------------------	----------

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	10000
Insertion force	44 N

Environmental and real-life conditions

Test specification

Specification	EIA 364-1000
Contact resistance R ₁	30.00 mΩ

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



1332071

<https://www.phoenixcontact.com/us/products/1332071>

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 (when plugged in)	IP20
Degree of protection (not plugged in)	IP20
Ambient temperature (operation)	-20 °C ... 85 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C

Standards and regulations

Flame resistance	UL 94 V0
------------------	----------

Mounting

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

Processing notes

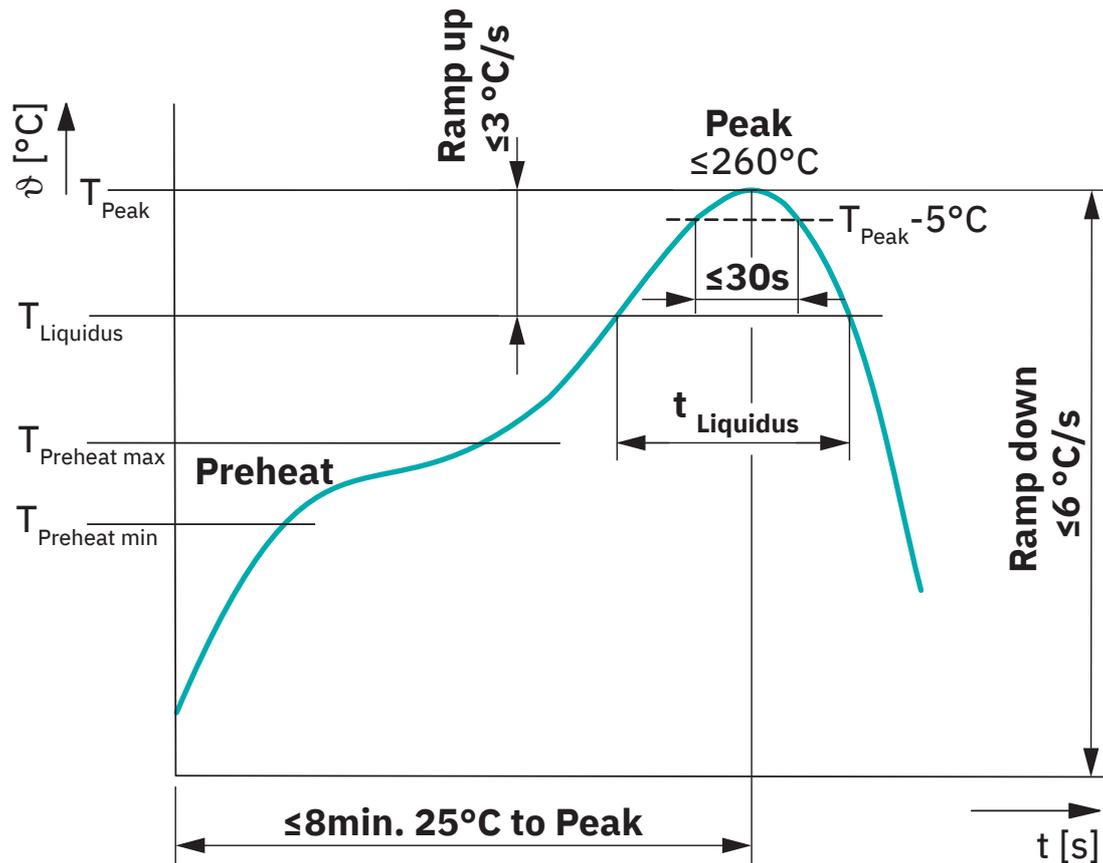
Process	THR/SMD
Moisture Sensitive Level	MSL 1
Classification temperature T _c	260 °C
Solder cycles in the reflow	3

1332071

<https://www.phoenixcontact.com/us/products/1332071>

Drawings

Diagram



Classification reflow soldering profile

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



1332071

<https://www.phoenixcontact.com/us/products/1332071>

Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

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

UNSPSC

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

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



1332071

<https://www.phoenixcontact.com/us/products/1332071>

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