

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, design: HDMI A, number of positions: 19, 14 Gbps, SMD soldering, degree of protection: IP20, connection method: Solder connection

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) |
| Number of positions | 19 |
| Number of slots | 1 |
| Shielded | yes |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

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

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



1332071

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

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 (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 |

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

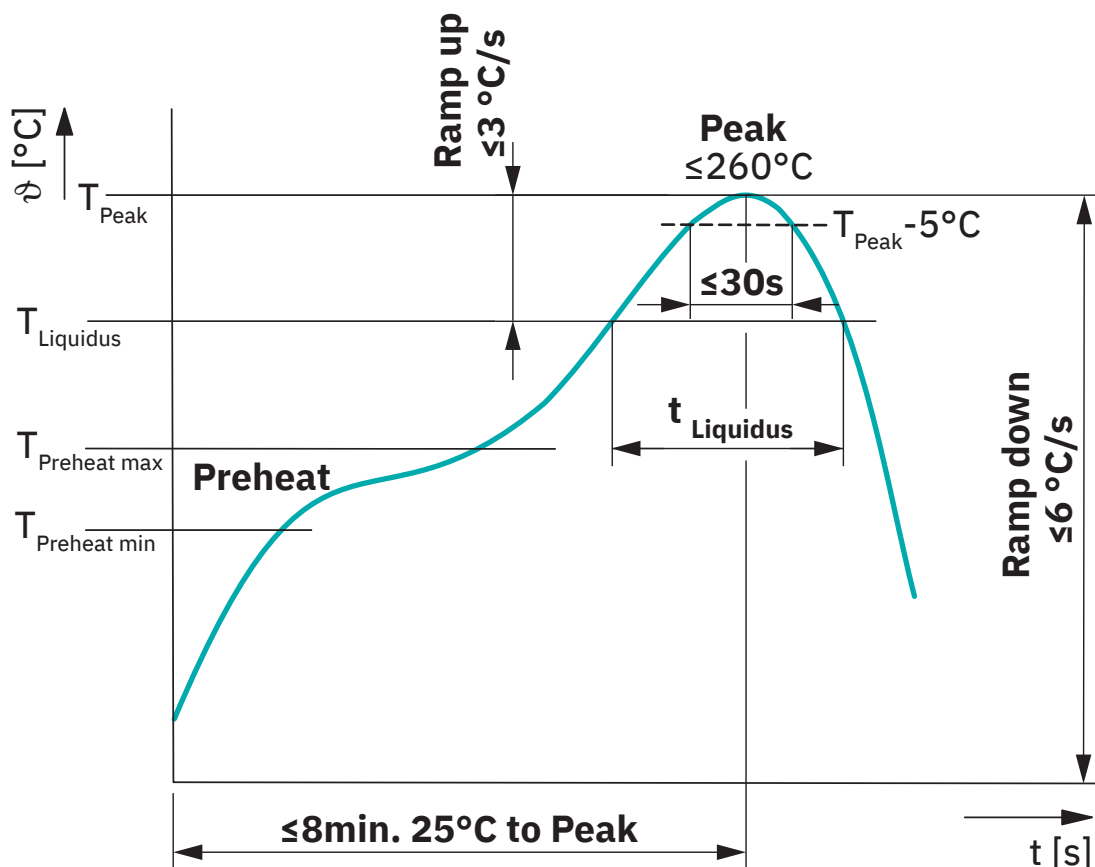


1332071

<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