

#### 1332071

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

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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	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



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## Technical data

#### **Product properties**

Product type	Data connector (device side)
Туре	НОМІ
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
Туре	Socket
Shielded	yes
Cable outlet	straight
Data managament status	
Data management status Article revision	00
Article revision	00
Insulation characteristics	
Overvoltage category	1
Degree of pollution	2
ectrical properties	
Rated voltage (III/2)	40 V
Rated surge voltage (III/2)	1500 V
Rated current	0.5 A (Contacts)
Insulation resistance	100 ΜΩ
Test voltage	300 V AC
Contact resistance	20 mΩ
Transmission medium	Copper

## Connection data

Connection technology	
Connection method	Solder connection

### Dimensions

Width	15 mm
Height	6.18 mm
Length	12.16 mm

#### Material specifications

Color of the housing part	black
Material	Selective gold plating
	Nickel coating 50 µ min



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	Tin coating 100 μ min
Flammability rating according to UL 94	VO
Housing material	Plastic
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 <sub>1</sub>	30.00 mΩ
Test specification	
Specification	EIA 364-28
Frequency	10Hz - 200Hz
Sweep speed	1 octave/min
Amplitude	1.52 mm
Acceleration	15.00 m/s <sup>2</sup>
Test duration	12.00 min.
Test specification	
Specification	EIA 364-27
Acceleration	50.00 m/s²
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
ounting	
Mounting type	SMD soldering
Processing notes	
Process	THR/SMD
Moisture Sensitive Level	MSL 1

260 °C

3

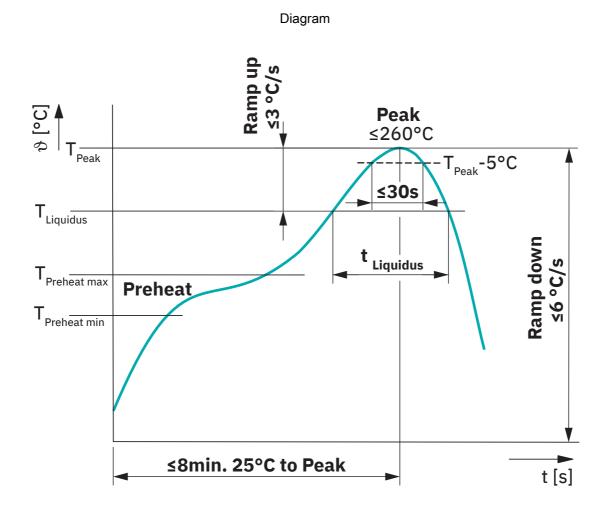
Classification temperature  $\rm T_{c}$  Solder cycles in the reflow



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# Drawings



Classification reflow soldering profile



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## Classifications

#### ECLASS

ECLASS-11.0	27440390
ECLASS-12.0	27440390
ECLASS-13.0	27460201

### ETIM

	ETIM 9.0	EC002637
UNSPSC		
	UNSPSC 21.0	39121400



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## 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%

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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com