

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



1332071

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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



1332071

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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 ₁	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 ²
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

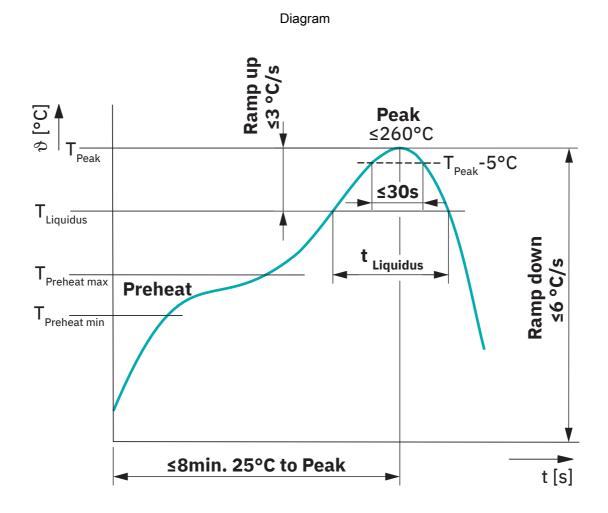
Classification temperature $\rm T_{c}$ Solder cycles in the reflow



1332071

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Drawings



Classification reflow soldering profile



1332071

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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