

1430989
<https://www.phoenixcontact.com/us/products/1430989>

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.



USB PCB connectors, degree of protection: IP20, number of positions: 9, 5 Gbps, material: Nickel-plated brass, connection method: Solder connection, USB 3.0

Your advantages

- The reflow capability enables efficient, cost-optimized processing
- Data transmission up to 5 Gbps
- Tape-on-reel packaging is perfect for automated processing

Commercial data

Item number	1430989
Packing unit	150 pc
Minimum order quantity	150 pc
Sales key	AB11
Product key	ABNDAB
GTIN	4063151798048
Weight per piece (including packing)	3.66 g
Weight per piece (excluding packing)	3.66 g
Customs tariff number	85366930
Country of origin	CN

CUC-USB3.0-J1ST-S/UAF-THR - USB PCB connectors



1430989

<https://www.phoenixcontact.com/us/products/1430989>

Technical data

Product properties

Product type	Data connector (device side)
Type	USB-A
Sensor type	USB 3.0
Number of positions	9
Connection profile	USB-A
Type of packaging	Tape and Reel
Number of slots	1

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/2)	30 V
Rated current	1.8 A
Contact resistance	30 mΩ
Transmission characteristics (category)	USB 3.2 Gen 1
Transmission speed	5 GBit/s

Connection data

Connection technology

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

Dimensions

Width	14.45 mm
Height	7.4 mm
Length	14.8 mm
Orientation to	180.00 °

Material specifications

Color of the housing part	blue
Flammability rating according to UL 94	V0
Housing material	Nickel-plated brass
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PA 4T

Cable/line

Test voltage Core/Core	500 V
Test voltage Core/Shield	500.00 V
Acceleration	3.1 m/s ²

CUC-USB3.0-J1ST-S/UAF-THR - USB PCB connectors



1430989

<https://www.phoenixcontact.com/us/products/1430989>

Halogen-free	yes
--------------	-----

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 5000
Insertion force per signal contact	35.00 N
Extraction force per signal contact	10 N

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

Mounting

Processing notes

Process	THR
Classification temperature T _c	260 °C

CUC-USB3.0-J1ST-S/UAF-THR - USB PCB connectors



1430989
<https://www.phoenixcontact.com/us/products/1430989>

Classifications

ECLASS

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

CUC-USB3.0-J1ST-S/UAF-THR - USB PCB connectors



1430989
<https://www.phoenixcontact.com/us/products/1430989>

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 2024 © - 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