

PSTD 0,65X0,65/18-3IS-2,54 - Pin strip



2202993

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Pin strip for connecting an additional PCB or PCB with hole pattern to the HBUS

Your advantages

- Suitable for wave and reflow soldering processes

Commercial data

Item number	2202993
Packing unit	60 pc
Minimum order quantity	1 pc
Sales key	ACH
Product key	ACHBAE
GTIN	4055626292601
Weight per piece (including packing)	3.14 g
Weight per piece (excluding packing)	1.8 g
Customs tariff number	85366990
Country of origin	TW

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Technical data

Product properties

Product type	Pin strip
Product family	PSTD 0,65X0,65/...-V
Type	Pin strip
Number of positions	18
Pitch	2.54 mm
Number of connections	18
Number of rows	2
Number of potentials	18
Pin layout	Linear pinning

Electrical properties

Properties

Contact resistance	35.7 mΩ
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Mounting

Mounting type	THR soldering
Pin layout	Linear pinning

Material specifications

Material data - housing

Color (Housing)	black (9005)
Insulating material	PA
Flammability rating according to UL 94	V0

Dimensions

Pitch	2.54 mm
Width [w]	22.86 mm
Height [h]	37.8 mm
Length [l]	5 mm
Pin dimensions	0.635 x 0.635 mm

Mechanical tests

Visual inspection

Specification	IEC 60512-1-1:2002-02
Result	Test passed

Dimension check

Specification	IEC 60512-1-2:2002-02
Result	Test passed

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Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	20 m/s ²
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis (pos. and neg.)

Durability test

Specification	IEC 60512-9-1:2010-03
Impulse withstand voltage at sea level	1.75 kV
Contact resistance R ₁	35.7 mΩ
Contact resistance R ₂	35.7 mΩ
Insertion/withdrawal cycles	25

Climatic test

Specification	DIN 50018:2013-05
Corrosive stress	0.2 dm ³ SO ₂ on 300 dm ³ /40 °C/1 cycle
Thermal stress	100 °C/168 h
Power-frequency withstand voltage	0.84 kV

Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	150 m/s ²
Shock duration	11 ms
Test directions	X-, Y- and Z-axis (pos. and neg.)

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Classifications

ECLASS

ECLASS-13.0	27460201
ECLASS-15.0	27460201

ETIM

ETIM 9.0	EC002637
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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