

# Pin strip - PSTD 0,65X0,65/9-2,54

2200700

<https://www.phoenixcontact.com/us/products/2200700>



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Pin strip, color: black, type of contact: Male connector, number of potentials: 18, number of rows: 2, number of positions: 18, number of connections: 18, product range: PSTD 0,65X0,65/..-V, pitch: 2.54 mm, pin layout: Linear pinning, solder pin [P]: 2.5 mm, locking: without, type of packaging: packed in cardboard

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## Your advantages

- Suitable for wave and reflow soldering processes

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## Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2200700       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 50 pc         |
| Sales Key                            | A13           |
| Product Key                          | ACHBBZ        |
| GTIN                                 | 4046356663687 |
| Weight per Piece (including packing) | 1.255 g       |
| Weight per Piece (excluding packing) | 1.229 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | CN            |

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## Technical Data

### Product properties

|                       |                |
|-----------------------|----------------|
| Type                  | Pin strip      |
| Product 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

|                    |         |
|--------------------|---------|
| Pollution degree   | 3       |
| Contact resistance | 35.7 mΩ |

### Mounting

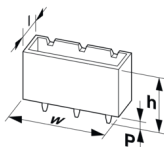
|                             |               |
|-----------------------------|---------------|
| Mounting type THR soldering | THR soldering |
| Mounting type               | THR soldering |

### Material specifications

#### Material data - housing

|                                        |              |
|----------------------------------------|--------------|
| Housing color                          | black (9005) |
| Insulating material                    | PA           |
| Flammability rating according to UL 94 | V0           |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Pitch               | 2.54 mm                                                                              |
|                     | 22.86 mm                                                                             |
| Height h            | 10.8 mm                                                                              |
| Length l            | 5 mm                                                                                 |
| Solder pin length P | 2.5 mm                                                                               |

### Mechanical tests

#### Visual inspection

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

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## Dimension check

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

## 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 - 58.1 Hz) |
| Sweep speed            | 20 m/s <sup>2</sup>    |
| Test duration per axis | 2.5 h                  |

### Durability test

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

### Climatic test

|                                   |                                                                           |
|-----------------------------------|---------------------------------------------------------------------------|
| Specification                     | DIN 50018:2013-05                                                         |
| Corrosive stress                  | 0.2 dm <sup>3</sup> SO <sub>2</sub> on 300 dm <sup>3</sup> /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 <sup>2</sup>              |
| Shock duration  | 11 ms                             |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

## Packaging specifications

|                   |                     |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

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## Approvals



**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

|               |          |
|---------------|----------|
| ECLASS-9.0    | 27440402 |
| ECLASS-10.0.1 | 27440402 |
| ECLASS-11.0   | 27460201 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC002637 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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