



ENGLISH

## Datasheet

Stock No: 251-8418

# RS Pro W82172 Series, 2.54mm Pitch 72 Way 2 Row Straight PCB Header, Solder Termination



## Product Details

### RS 2.54mm Pitch Unshrouded PCB Pin Header Connectors with Square Pins

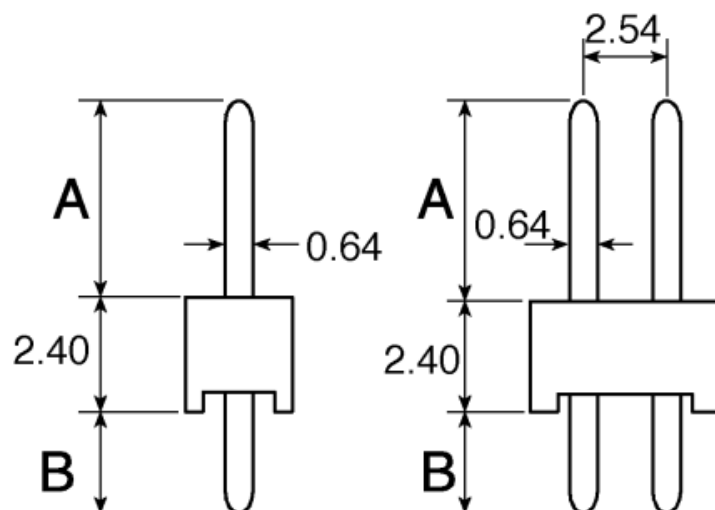
A range of unshrouded PCB pin header connectors with 0.635mm square pins and a 2.54mm pitch. These unshrouded 2.54mm PCB pin headers are available as single row 36 way or double row 72 way both with a variety of pin heights and PCB tail lengths. The housings of these 2.54mm unshrouded PCB pin headers are made from UL94V-0 black glass filled PBT and the contacts are plated with pure bright tin.

Various pin heights and PCB tail lengths

Can be snapped to desired length

## Specifications:

|                    |                   |
|--------------------|-------------------|
| Number of Contacts | 72                |
| Pitch              | 2.54mm            |
| Number of Rows     | 2                 |
| Type               | Unshrouded Header |
| Body Orientation   | Straight          |
| Termination Method | Solder            |
| Series             | W82172            |

**Dimensions:**

**2.54mm PCB Connector RS Range**

A large variety of connector options, to cover the majority of board-to-board, bussing and programming requirements.

| Dimensions for Straight Headers |                |                |
|---------------------------------|----------------|----------------|
|                                 | A (Above) (mm) | B (Below) (mm) |
| Size 1 251-8301, 251-8373       | 3.0            | 4.6            |
| Size 2 251-8318, 251-8389       | 4.3            | 2.7            |
| Size 3 251-8339, 251-8395       | 5.7            | 7.6            |
| Size 4 251-8345, 251-8402       | 5.7            | 12.7           |
| Size 5 251-8632, 251-8648       | 7.0            | 3.0            |
| Size 6 251-8351, 251-8418       | 12.7           | 3.1            |
| Size 7 251-8367, 251-8424       | 14.7           | 2.9            |

|                   |                       |
|-------------------|-----------------------|
| Current Rating    | 4 A max               |
| Temperature Range | -55° C to +125 ° C    |
| Pin Material      | Tin Plated Brass      |
| Insulation        | PBT 30% Glass UL94V-0 |
| Pin Size          | 0.64mm Square         |