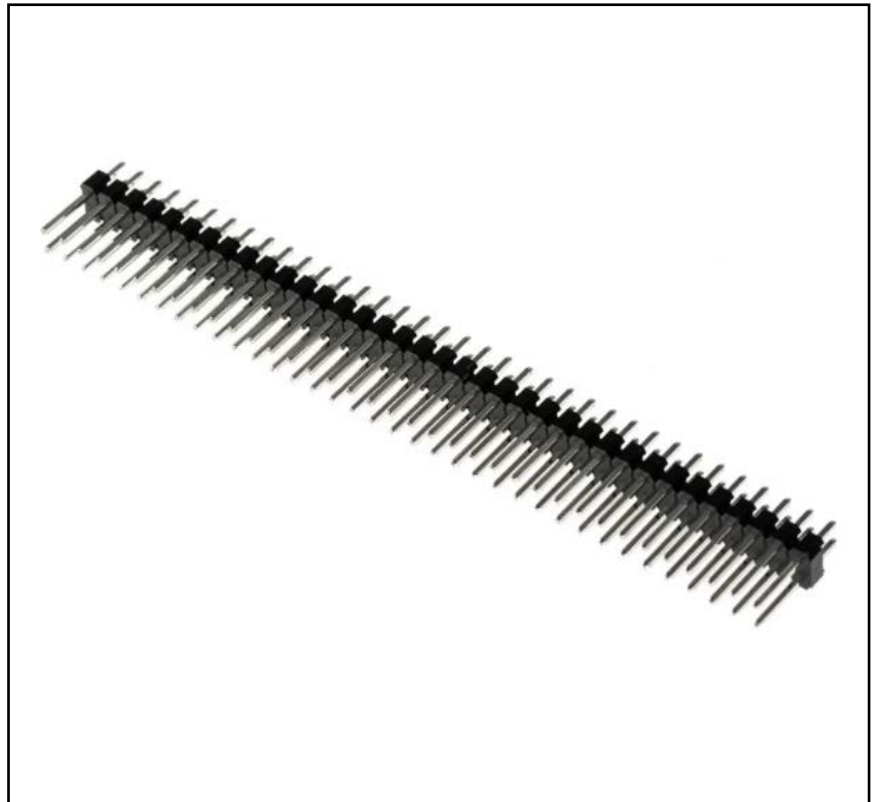


## FEATURES

- Current rating of 4A
- Can be snapped to get your desired length
- 0.635mm square pins for general universal connections
- PCB Headers are brilliant for prototyping & permanent solutions
- Faster and efficient of connecting boards and wires.

## RS PRO, 72 Way, 2 Row, Straight Pin Header

RS Stock No.: 251-8648



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description ATTRIBUTE 1

Our own range of RS Pro PCB headers are unshrouded headers with 0.635mm square pins. They feature a 2.54mm pitch and are made from UL94V-0 black glass filled PBT. The contacts are plated with a pure and bright tin. Our RS Pro PCB headers are a through-hole solder termination for easy and permanent use.

Need different sizes?

Size 1: [251-8301](#), [251-8373](#) 3.0mm x 4.6mm

Size 2: [251-8317](#), [251-8389](#) 4.3mm x 2.7mm

Size 3: [251-8339](#), [251-8395](#) 5.7mm x 7.6mm

Size 4: [251-8345](#), [251-8402](#) 5.7mm x 12.7mm

Size 5: [251-8632](#), [251-8648](#) 7.0mm x 3.0mm

Size 6: [251-8351](#), [251-8418](#) 12.7mm x 3.1mm

Size 7: [251-8367](#), [251-8424](#) 14.7mm x 2.9mm

### General Specifications

<b>Number of Contacts</b>	72
<b>Number of Rows</b>	2
<b>Body Orientation</b>	Straight
<b>Shrouded/Unshrouded</b>	Unshrouded
<b>Termination Method</b>	Solder
<b>Contact Material</b>	Brass
<b>Contact Plating</b>	Tin
<b>Flammability</b>	UL94V-0
<b>Colour</b>	Black

### Electrical Specifications

<b>Current Rating</b>	4A
<b>Contact Resistance</b>	20 milliohms max
<b>Dielectric withstanding voltage</b>	AC 650 volts rms
<b>Insulation Resistance</b>	5000M ohm at 500V DC
<b>Arc Resistance</b>	145 seconds at 23°C
<b>Electrical Strength</b>	121KV/cm
<b>Dielectric Constant</b>	3.9 at 100Hz 23°C
<b>Dissipation Factor</b>	0.0077 at 100Hz
<b>Volume Resistivity</b>	3 x 10 <sup>13</sup> Ω-CM (48hrs 90% RH) at 25°C 10 <sup>13</sup> Ω-CM at 121°C

### Mechanical Specifications

<b>Mounting Type</b>	Through Hole
<b>Pitch</b>	2.54mm

### Operation Environment Specifications

<b>Operating Temperature</b>	-65°C to 150°C
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### Approvals

<b>Compliance/Certifications</b>	UL, RoHS
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Drawing (mm):

