

## 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, 36 Way, 1 Row, Straight Pin Header

RS Stock No.: 251-8632



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

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>	36
<b>Number of Rows</b>	1
<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>Moulding Material</b>	PBT
<b>Flammability</b>	UL94V-0
<b>Colour</b>	Black

**Electrical Specifications**

Current Rating	4.0A
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**Mechanical Specifications**

Mounting Type	Through Hole
Pitch	2.54mm
pin diameter	0.635mm

**Operation Environment Specifications**

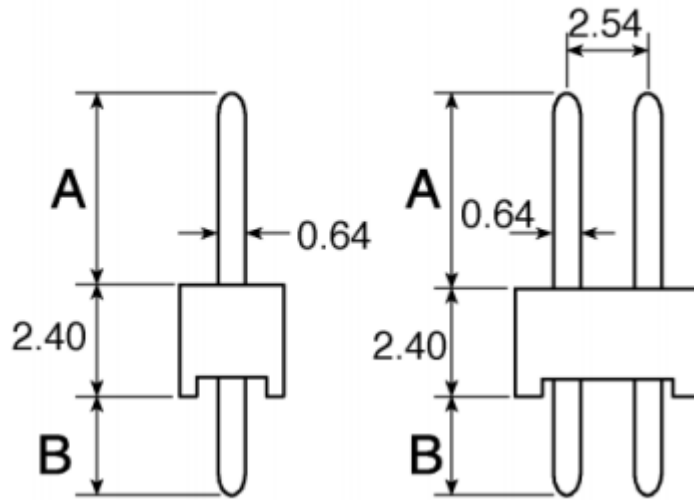
Operating Temperature	-55°C to 125°C
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**Approvals**

Compliance/Certifications	UL, RoHS
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**Dimensions:**



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