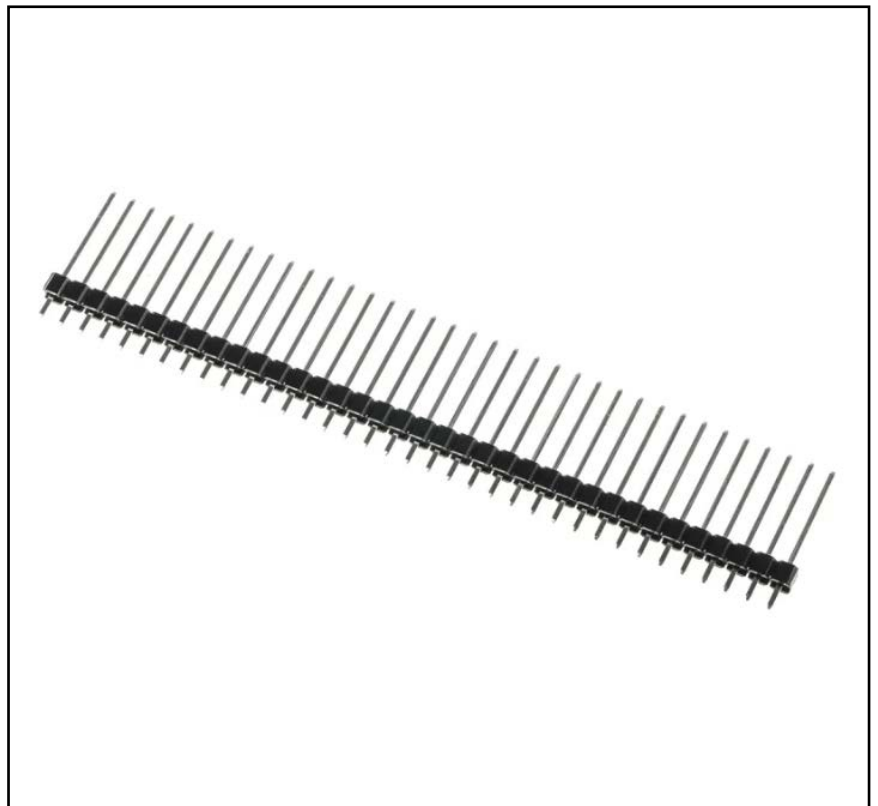


## FEATURES

- Unshrouded pin headers
- 2.54 mm spacing between contacts
- 1 row of 36 contacts
- Straight body orientation
- Through-hole mounting
- Solder to terminate
- Brass contact material
- Tin contact plating
- Current rating of 4.0 A
- RoHS (Restriction of Hazardous Substances) compliant
- Conforms to ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007 Electrostatic Control Standards

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

RS Stock No.: 251-8351



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

These 2.54 mm unshrouded pin headers are from the reliable RS PRO range. They're electrical connectors formed from a row of 36 male pins – or contacts – each spaced 2.54 mm apart. They're unshrouded, meaning they don't have a plastic guide box around them.

### 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
<b>Application</b>	Wire wrap and board-to-board electronics applications, as well as programming.

### Electrical Specifications

<b>Current Rating</b>	4.0A
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### Mechanical Specifications

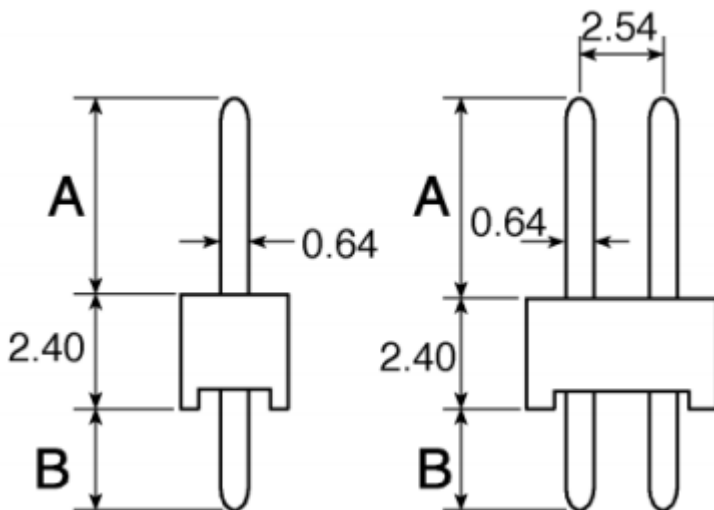
<b>Mounting Type</b>	Through Hole
<b>Pitch</b>	2.54mm
<b>pin diameter</b>	0.64mm

**Operation Environment Specifications**

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

Compliance/Certifications	RoHS, ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007
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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