FEATURES

- **Current rating of 1A**

- **Can be snapped to get your desired length**

- **0.64mm square pins for general universal connections**

- **PCB Headers are brilliant for prototyping & permanent solutions**

- **Faster and efficient of connecting boards and wires.**

- **7mm pin height**

RS PRO, 2 Way, 1 Row, Straight Pin Header

RS Stock No.: 251-8086

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 0.64mm square pins and 7mm pin height. 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. These PCB headers make great use in board to board, wire-wrap or programming applications.

Need different sizes?

Dimensions are AxB (Above x Below)
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

Number of Contacts	2
Number of Rows	1
Body Orientation	Straight
Shrouded/Unshrouded	Unshrouded
Termination Method	Solder
Contact Material	Brass
Contact Plating	Tin
Moulding Material	PBT
Flammability	UL94V-0
Colour	Black

Electrical Specifications

Current Rating	1.0A
Contact Resistance	20 milliohms max
Dielectric withstanding voltage	AC 650 volts rms
Insulation Resistance	5000M ohm at 500V DC
Arc Resistance	145 seconds at 23^0C
Electrical Strength	121KV/cm
Dielectric Constant	3.9 at 100Hz 23^0C
Dissipation Factor	0.0077 at 100Hz
Volume Resistivity	1013 ohm-cm

Mechanical Specifications

Mounting Type	Through Hole
Pitch	2.54mm
pin diameter	0.64mm
pin height	7mm

Operation Environment Specifications

Operating Temperature	-65^0C to 150^0C

Approvals

Compliance/Certifications	UL94V-0 , RoHS

Dimensions:

2.40

Tolerance: 0.0 +/-0.25
0.00 +/-0.1
0.000 +/-0.01
Dimensions in mm.

91.3

88.90