

## Datasheet

# RS Pro W81136 Series, 2.54mm Pitch 36 Way 1 Row Straight PCB Header, Solder Termination

RS Stock No: **251-8317**



## Product Details

RS Pro 36-way 1 row straight pin header is made from UL94V-0 black glass filled PBT and the contacts are plated with pure bright tin. This unshrouded 2.54 mm pitch, through hole mount PCB pin header is available as single row 36-way or double row 72-way both with a variety of pin heights and PCB tail lengths. It has a current rating of 4 A and temperature rating of -55 to +125°C.

## Features and Benefits

- A range of unshrouded PCB pin header connectors with 0.635 mm square pins and a 2.54 mm pitch
- Made from UL94V-0 black glass filled PBT and the contacts are plated with pure bright tin
- A large variety of connector options, to cover the majority of board-to-board, bussing and programming requirements
  - Unshrouded
  - Unshrouded header type
  - Solder termination method

**Specifications:**

Body Orientation	Straight
Contact Material	Half Hard Brass
Current Rating	1 A
Mounting Type	Through Hole
Number of Contacts	36
Number of Rows	1
Pitch	2.54 mm
Termination Method	Solder
Type	Unshrouded Header
Voltage Rating	650 V ac
Contact Plating	Bright Tin Over Nickel
Contact Resistance	20 mΩ
Insulation Material	30% Glass Fibre Reinforced PET (PBT)
Insulation Resistance	5000 MΩ at 500 V dc
Operating Temperature	-65 to +150°C

