

## Features

- 1 mm pitch
- Voltage Rating:50V
- Current Rating:1.0A
- Low Mating Force
- Low Profile
- 10 Way Top Entry SMT Header

## RS PRO 1MM PITCH 10 WAY TOP ENTRY SMT HEADER

RS Stock No.: 0147160



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

- Top entry 1mm pitch SMT headers incorporating solder tabs for additional mechanical support.
- The connectors are an extremely compact and versatile Wire-to-board interconnection system on a 1mm pitch utilising surface mount technology and pre-terminated leads. Available in 2, 3, 4, 8 and 10 way versions, this high quality range is suitable for many applications where board space is limited. Header has polarising guides for easy and secure insertion
- Low mating force

## General Specifications

|                    |                   |
|--------------------|-------------------|
| Number of Contacts | 10                |
| Number of Rows     | 1                 |
| Body Orientation   | Straight          |
| Dimensions(mm) A:  | 9                 |
| Dimensions(mm) B:  | 12                |
| Termination Method | Solder            |
| Contact Material   | Phosphor Bronze   |
| Contact Plating    | Tin plating       |
| Insulator          | Nylon 6T, UL94V-0 |
| Colour             | Beige             |

## Electrical Specifications

|                       |                |
|-----------------------|----------------|
| Voltage Rating        | 50V AC,DC      |
| Current Rating        | 1A, AC, DC     |
| Insulation Resistance | 100M ohm min   |
| Withstanding Voltage  | 500V AC/minute |

## Mechanical Specifications

|               |               |
|---------------|---------------|
| Mounting Type | Surface Mount |
| Pitch         | 1.0 mm        |
| Pin size      | 0.2mm         |
| Pin height    | 0.7mm         |

## Operation Environment Specifications

|                       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C to 105°C |
|-----------------------|----------------|

## Approvals

|                           |                |
|---------------------------|----------------|
| Compliance/Certifications | RoHS Compliant |
| Declarations              | Reach          |

## Spec Drawings

