

SUNRIDGE

2.00MM (.79") CENTER LOW PROFILE PIN HEADER

PRODUCT FEATURES:

- 2.00MM (.079") centerline with low profile housing of 1.5MM (.059") height. Full size range of 1 to 30 pins per row
- Easily break away manually to required length
- Cold drawn .50MM (.020") square pin provides reliable electrical connection.
- Housing standoff for ease of after-soldering cleaning
- Selection in pin length for various PCB thickness and flexible circuit applications
- Housing options in both GF PBT (RL 94V-0) for regular wave soldering, and high temp thermoplastic (UL 94V-0) for vapor phase IR application
- Straddle edge mount version presents a low cost, space-premium advantageous choice for interface port. Built in channel slots (for 40P & 50P configurations) facilitate proper alignment to PCB

Category Outline

18610- SERIES: VERTICAL MOUNT, THROUGH HOLE

18611- SERIES: STRADDLE EDGE MOUNT

18612- SERIES: RIGHT ANGLE MOUNT, THROUGH HOLE

18614- SERIES: "ZERO PROFILE" VERTICAL HEADER

18615- SERIES: RIGHT ANGLE PIN HEADER

MATERIAL:

- Housing: GF PBT (UL 94V-0), for regular wave soldering, or High Temp thermoplastic (UL 94V-0) for IR soldering
- Pin: Copper alloy. Underplated with nickel, tin plated on solder lead, with various selections of gold plating thickness on contact end

PERFORMANCE CHARACTERISTICS:

Current Rating: 2 Amperes

Voltage Rating: 200 VAC/DC

Withstanding Voltage: 650 V RMS

Contact Resistance: 20 Milliohm min

Insulation Resistance: 1000 Megohm min

Operating Temperature: -55°C to 125°C