

SUNRIDGE

74XXX-SERIES

.100" (2.54 MM) CENTERLINE SHROUDED LOW PROFILE DUAL-ROW HEADER

PRODUCT FEATURES:

- .100" (2.54 MM) centerline, full size range from 10 to 64 pins.
- Standard option of vertical, right angle, and edge-straddle mounting to PCB, in 4-walled or 3-walled configurations.
- Compact housing profile of .360" height X .350" width (for 4 wall header), or .300" width (for 3 wall header).
- Side walls shield pins from damage prior to mating; center polarization slot and pin #1 identifier ensure mating alignment with ribbon cable connector.
- Standoff and slotted openings at both ends facilitate after-solder cleaning with proper solvent drainage.
- Polarization in void pin(s) as custom options available upon request.
- For 40P and 50P headers:
Housing available in both regular PBT resin for wave soldering, or in PPS resin for IR soldering.
Side wall especially planted without standoff to provide a flat surface for bar code labeling application.

CATEGORY OUTLINE

74XX1- SERIES: FOUR WALL HEADER, EDGE-STRADDLE MOUNT

74XX2- SERIES: FOUR WALL HEADER, VERTICAL MOUNT, THROUGH HOLE

74XX3- SERIES: FOUR WALL HEADER, RIGHT ANGLE MOUNT, THROUGH HOLE

74XX4- SERIES: THREE WALL HEADER, RIGHT ANGLE MOUNT, THROUGH HOLE

MATERIAL:

- . Housing:
 - GF PBT (UL 94-V0), for regular wave soldering - for all sizes
 - GF PPS (UL 94-V0), for high temp IR soldering - option for 40P and 50P headers.
- . Pin: Copper alloy. Underplated with nickel, tin plated in solder lead, with various options of gold plating thickness on the contact end

PERFORMANCE CHARACTERISTICS:

Contact Current: 3 Amper
Withstanding Voltage: 1500 V AC rms
Insulation Resistance: 5,000 Megohm min
Pin-Housing Retention Force: 3.50 lb/per pin min
Operating Temperature: -50°C to +125°C