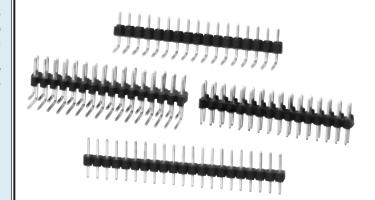


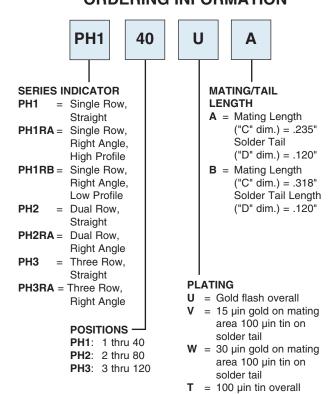
ADAM TECHNOLOGIES

.100" PIN HEADERS

.100" [2.54] CENTERLINE PH SERIES



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

SMT = Surface mount leads Dual row with Hi-Temp insulator
SMT-A = Surface mount leads Type A with Hi-Temp insulator
SMT-B = Surface mount leads Type B with Hi-Temp insulator
HT = Hi-Temp insulator for Hi-Temp soldering processes
RC = RoHS compliant lead-free product with Hi-Temp insulator

SG = Gold flash on

mating area 100 µin

tin lead on solder tail

INTRODUCTION:

Adam Tech PH Series .100" Pin Headers offer a full range headers in a variety of configurations including Single, Dual and Three rows, Straight or Right Angle in Thru-Hole or SMT mounting. Their close tolerance .025" sq. posts are smoothly finished and taper tipped to eliminate insertion damage to the PCB or mating connector. Adam Tech Pin Headers can be easily cut into exact sizes as required. Options include stacked insulator versions and choice of tin, gold or selective gold plating. This series is compatible with all industry standard .100" pitch pin headers.

FEATURES:

Single, Dual or Three Row Tin, gold or selective gold plating options Thru-hole or SMT mounting Stacked and Custom length versions available Versatile Breakaway design Hi Temp Insulator available

MATING RECEPTACLES:

Mates with all industry standard receptacles accepting a .025" square post on .100" (2.54mm) centerlines

SPECIFICATIONS:

Material:

Insulator: PBT, rated UL94V-0 Insulator Color: Black Contacts: Brass

Plating:

U = Gold flash (30u" optional) over nickel underplateSG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails.

T = Tin over copper underplate overall

Electrical:

Operating voltage: 250V AC max. Current rating: 3 Amps max Contact resistance: $20 \text{ m}\Omega$ max. initial

Insulation resistance: 5000 M Ω min.

Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Insertion force: 2 oz lbs max. Withdrawal force: .75 oz lbs min Mating durability: 1000 cycles min.

PACKAGING:

Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:

UL Recognized File No. E224053 CSA Certified File No. LR1578596











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