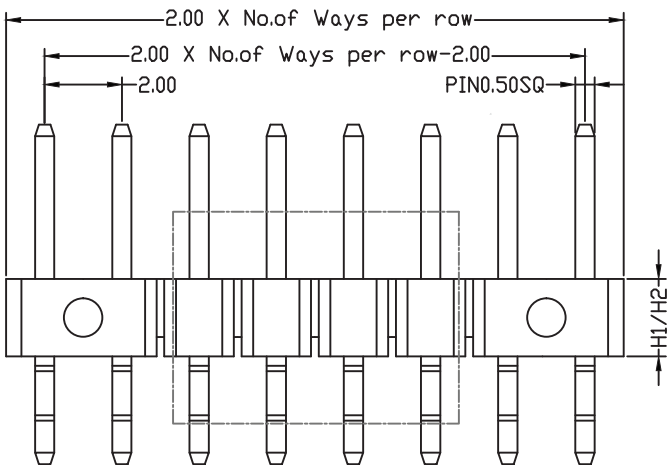
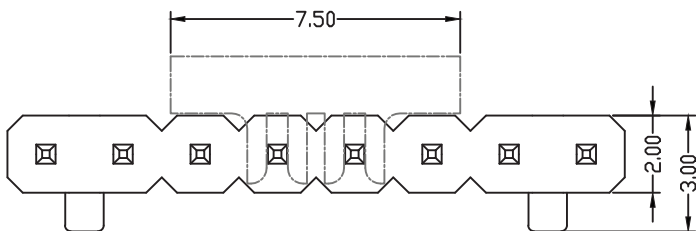
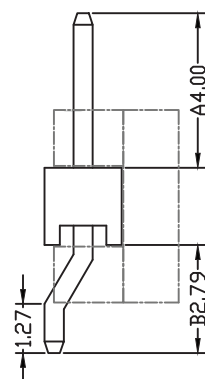
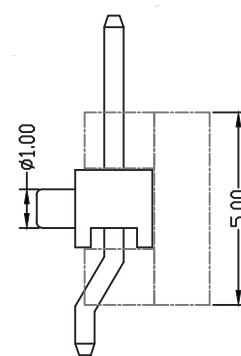


Recommended PCB Layout



Without Post



With Post

HOW TO ORDER:

H B 1 3 - 0 0 X X - X X X - Z

CONTACT MATERIAL:
1 - COPPER ALLOY

NUMBER OF ROWS:
3 - SINGLE ROW HORIZONTAL

MOUNTING OPTION:
0 - WITHOUT POST
1 - WITH POST

PACKAGING OPTION:
0 - TRAY
1 - WITHOUT CAP IN TUBE
2 - WITH CAP IN TUBE
3 - WITH CAP IN TAPE & REEL

NUMBER OF CONTACTS:
02 thru 80

PLATING OVERALL:
0 - FULL TIN
1 - FULL Au FLASH
3 - 10u" Au
4 - 15u" Au
5 - 30u" Au

RoHS COMPLIANT

SELECTIVE PLATING:
6 - Au FLASH CONTACT AREA/TIN TAIL
7 - 10u" Au CONTACT AREA/TIN TAIL
8 - 15u" Au CONTACT AREA/TIN TAIL
9 - 30u" Au CONTACT AREA/TIN TAIL

ELECTRICAL:

CURRENT RATING: 1.5A

CONTACT RESISTANCE: 20mW Max.

INSULATOR RESISTANCE: 5000MW Min.

DIELECTRIC WITHSTANDING VOLTAGE: 1000V AC FOR 1 MIN.

OPERATING TEMPERATURE: -40°C TO +105°C

MAX PROCESSING TEMPERATURE: 230°C FOR 30-60 SEC (260°C FOR 10 SEC)

MATERIAL:

INSULATOR: HIGH TEMPERATURE PLASTIC, UL94V-0

Rev		Drawn	Checked	Approved	Date
0	Issued	A.M.	S.M.	S.M.	07/22/03
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	08/14/08
A	Revised Packaging Options	B.S.	S.M.	S.M.	12/03/14

SMP TECHNOLOGY, INC.

Unshrouded Header, 2.00mm Pitch, Single Row, Horizontal, Surface Mount

TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- ANGLE +/- 5° UNIT: mm

SERIES: HB13-00XX-XXX-Z

Pg: 1