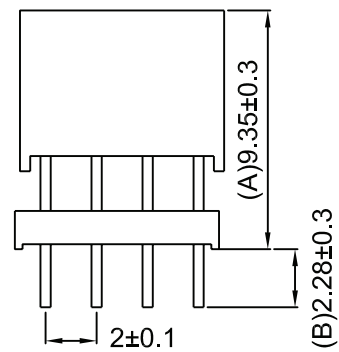
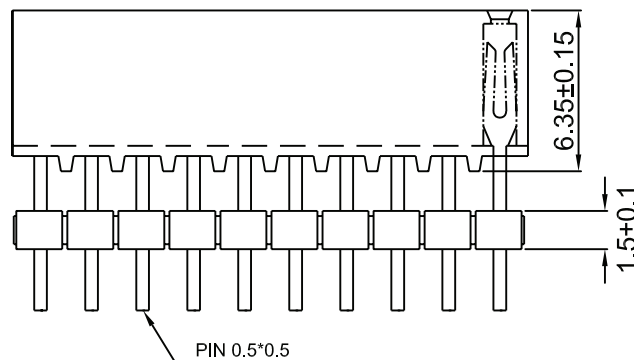


P.C.B. Layout



**STACKING HEIGHTS**

Option	A	B
1	9.35	2.28
2	9.35	1.27
3	7.87	3.76
4	10.36	1.27
5	9.35	2.80
6	19.3	2.3

**ELECTRICAL:**

CURRENT: 1.5A  
 CONTACT RESISTANCE: 20mΩ Max.  
 INSULATOR RESISTANCE: 5000MΩ Min.  
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -40° C TO +105° C

**MATERIAL:**

INSULATOR: GLASS FILLED POLYESTER (UL94V-0) ; NYLON 6T  
 CONTACT: COPPER ALLOY

**HOW TO ORDER:**

B 1 6 5 - X X 1 1 - 1 X X - Z

**NUMBER OF CONTACTS / ROW:**

3 CONTACTS (Min.)  
 30 CONTACTS (Max.)

**ORIENTATION:**

1 - STRAIGHT

**BODY HEIGHT:**

1 - 6.35mm

**TAIL LENGTHS:**

1 - SOLDER TAIL

**STACKING HEIGHT(A) :**

(See Table Above)

**PLATING OVERALL:**

- 0 - FULL TIN
- 1 - FULL Au
- 3 - 10u" Au
- 4 - 15u" Au
- 5 - 30u" Au

**SELECTIVE PLATING:**

- 6 - Au 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

**RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	7/31/03
A	M.K.	S.M.	S.M.	10/26/06

**SMP TECHNOLOGY, INC.**

Receptacle Assembly, 2.00mm Pitch, 4 Row, Vertical

Solder Tail, 9.35mm Height, 2PC Insulator, PC/104

SCALE:n/a

TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- 0.15 ANGLE +/- 5° UNIT: mm

SERIES: B 1 6 5