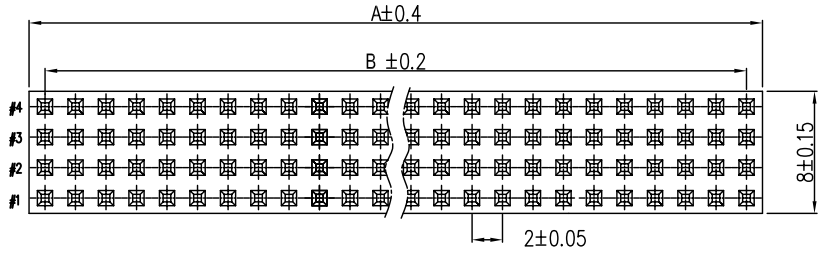
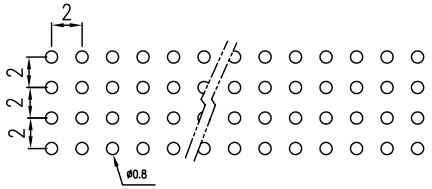
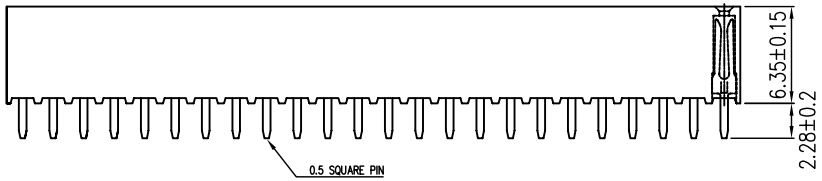
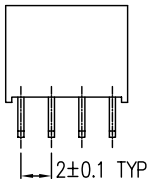




P.C.B LAYOUT





DIMENSION(mm)

No. PINS/Row	A	B
4#02	4.11	2
4#03	6.11	4
4#04	8.11	6
4#05	10.11	8
4#06	12.11	10
4#07	14.11	12
4#08	16.11	14
4#09	18.11	16
4#10	20.11	18
4#11	22.11	20
4#12	24.11	22
4#13	26.11	24
4#14	28.11	26
4#15	30.11	28
4#16	32.11	30
4#17	34.11	32
4#18	36.11	34
4#19	38.11	36
4#20	40.11	38
4#21	42.11	40
4#22	44.11	42
4#23	46.11	44
4#24	48.11	46
4#25	50.11	48
4#26	52.11	50
4#27	54.11	52
4#28	56.11	54
4#29	58.11	56
4#30	60.11	58

HOW TO ORDER:

B 1 6 5 - X X 1 1 - 1 0 X - Z

NUMBER OF CONTACTS / ROW:
3 CONTACTS (Min.)
30 CONTACTS (Max.)

ORIENTATION:
1 - STRAIGHT

TAIL LENGTHS:
1 - SOLDER TAIL

BODY HEIGHT:
1 - 6.35mm

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

ELECTRICAL:
CURRENT RATING: 1A
CONTACT RESISTANCE: < 30m Ω
INSULATOR RESISTANCE: > 1000M Ω
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MIN.
OPERATING TEMPERATURE: -55° C TO +105° C

MATERIAL:
INSULATOR: NYLON 6T & 30% G.F.
CONTACT: PHOSPHOR BRONZE

MECHANICAL:
RETENTION FORCE: 450g MIN.

Rev		Drawn	Checked	Approved	Date
0	Issued	WHS	S.M.	S.M.	9/07/06

SCALE: N/A

TOL. DEC. .X +/- 0.25 .XX +/- 0.13 .XXX +/- 0.08 ANGLE +/- 3° UNIT: mm

SMP TECHNOLOGY, INC.

4 Row 2mm Receptacle, Straight Orientation, Solder Tail

SERIES: B165-XX11-10X-Z