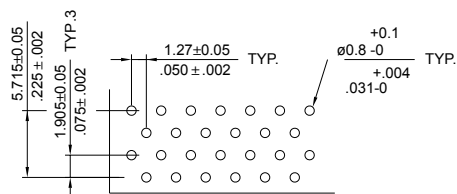


Recommended P.C. Board Layout
(26,34,50 Circuits)



Recommended P.C. Board Layout
(20,32,40,52,60,68,80,100 Circuits)

DIMENSION(mm)

CONTACTS	A	B	C
20	11.43	21.00	19.00
26	15.24	24.80	22.80
32	19.05	28.60	26.60
34	20.32	29.80	27.80
40	24.13	33.70	31.70
50	30.48	40.00	38.00
52	31.75	41.30	39.30
60	36.83	46.40	44.40
68	41.91	51.40	49.40
80	49.53	59.10	57.10
100	62.23	71.70	69.70

ELECTRICAL:

CURRENT: 0.5A

CONTACT RESISTANCE: < 30mΩ

INSULATOR RESISTANCE: > 1000MΩ

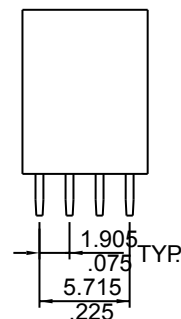
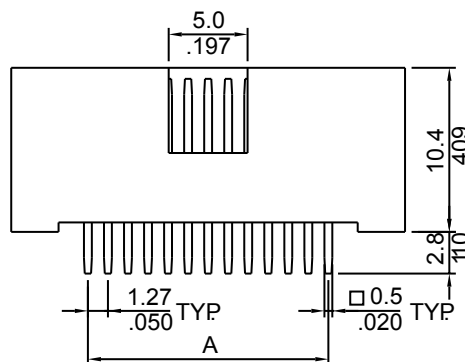
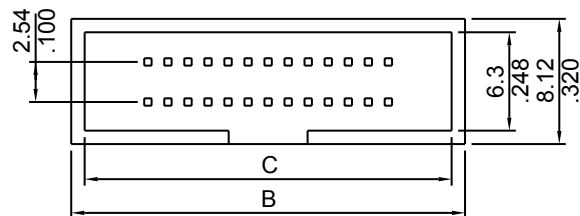
DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.

OPERATING TEMPERATURE: -55° C TO +105° C

MATERIAL:

INSULATOR: PBT & 30% Glass Fiber UL94V-0

CONTACT: Copper Alloy



HOW TO ORDER:

B 1 2 4 - X X 5 0 - 1 X X - Z

NUMBER OF CONTACTS:

20 thru 80
A0=100

DEFINITION:

5 - STRAIGHT THRU HOLE

PLATING OVERALL:

0 - FULL TIN

1 - FULL Au FLASH

3 - 10u" Au

4 - 15u" Au

5 - 30u" Au

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

**RoHS
COMPLIANT**

Rev		Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.
0	Issued	A.M.	S.M.	S.M.	02/01/96	
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	08/04/08	
B	P/N Change: B124-XX10-1XX-Z to B124-XX50-10X-Z	B.S.	S.M.	S.M.	09/10/14	
						Box Header, 1.27mm x 2.54mm Grid, Vertical, Thru Hole
TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- ANGLE +/- UNIT: mm/in P/N: B124-XX50-1XX-Z						Pg: 1