

RECOMMENDED PCB LAYOUT

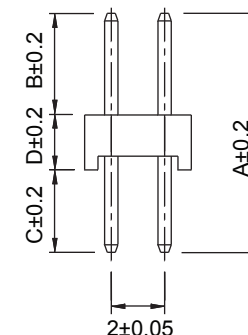
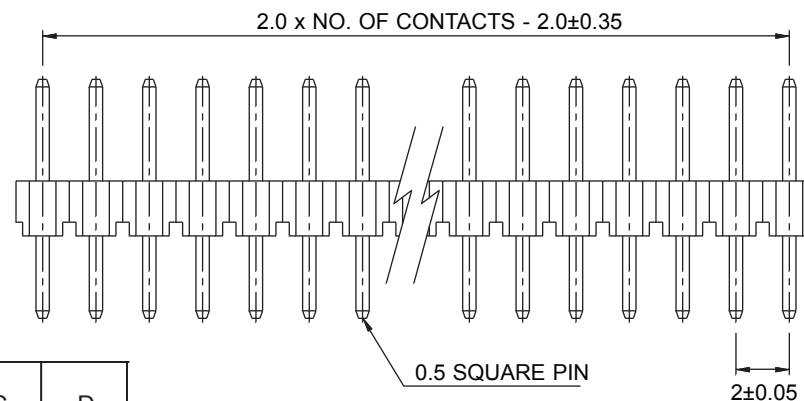


TABLE 1

DIMENSION NUMBER	A	B	C	D
0120	8.35	4.00	2.35	2.00
0121	8.85	4.00	2.85	2.00
0122	10.70	8.85	2.85	2.00
0123	8.70	3.70	3.00	2.00
0124	7.85	4.00	2.35	1.50
0125	8.35	4.00	2.85	1.50
0126	10.20	8.85	2.85	1.50
0127	8.20	3.70	3.00	1.50
0128	8.20	3.90	2.80	1.50
0129	21.08	2.59	16.99	1.50

* OTHER DIMENSIONS AVAILABLE

ELECTRICAL:

CONTACT RESISTANCE: 20mW Max.

INSULATOR RESISTANCE: 5000MW Min.

CURRENT RATING: 1.5A

DIELECTRIC WITHSTANDING VOLTAGE: 1000V AC FOR 1 MIN.

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

MATERIAL:

INSULATOR: GLASS FILLED POLYESTER, UL94V-0

HOW TO ORDER:

<u>H</u>	<u>3</u>	<u>1</u>	<u>2</u>	-	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	-	<u>X</u>	<u>X</u>	<u>X</u>	-	<u>Z</u>
<u>CONTACT MATERIAL:</u> 1 - COPPER ALLOY		<u>NUMBER OF ROWS:</u> 2 - DOUBLE ROW		<u>DIMENSION NUMBER:</u> SEE TABLE 1		<u>NUMBER OF CONTACTS:</u> 01 thru 98 A0=100		<u>PLATING OVERALL:</u> 0 - FULL TIN 1 - FULL Au FLASH 3 - 10u" Au 4 - 15u" Au 5 - 30u" Au		<u>SELECTIVE PLATING:</u> 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		<u>RoHS COMPLIANT</u>		

Rev		Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC. Pin Header, 2.00mm Pitch, Through Hole, Double Row, Straight
0	Issued	A.M.	S.M.	S.M.	07/17/03	
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	08/13/08	
B	Revised Table 1	B.S.	S.M.	S.M.	08/20/14	
C	Added Dimension Number 0129	B.S.	S.M.	S.M.	12/14/17	
TOL. DEC. .X +/- 0.35 .XX +/- 0.25 .XXX +/- ANGLE +/- 5° UNIT: mm SERIES: H312						Pg: 1