



**DIMENSION(mm)**

DIMENSION NUMBER	A	B	C	D
0310	4.00	2.85	1.15	2.00
0311	3.50	3.00	1.15	2.00
0312	4.00	2.85	1.15	1.50
0313	3.50	3.00	1.15	1.50

\* OTHER DIMENSIONS AVAILABLE

**ELECTRICAL:**

CURRENT RATING: 1.5A  
 CONTACT RESISTANCE: 20mΩ Max.  
 INSULATOR RESISTANCE: 5000MΩ Min.  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000V AC FOR 1 MIN.  
 OPERATING TEMPERATURE: -40° C TO +105° C

**MATERIAL:**

INSULATOR: GLASS FILLED POLYESTER, UL94V-0  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT PLATING: OPTIONAL GOLD OR TIN OVER NICKEL (GOLD THICKNESS OPTIONAL)

**MECHANICAL:**

RETENTION FORCE: 750g MIN.

**HOW TO ORDER:**

H 4 1 2 - X X X X - X X X - Z

**CONTACT MATERIAL:**  
1 - COPPER ALLOY

**DIMENSION NUMBER:**  
SEE DIMENSION NUMBER ABOVE

**NUMBER OF ROWS:**  
2 - DOUBLE ROW

**NUMBER OF CONTACTS:**  
01 thru 98  
A0=100

**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
0	A.M.	S.M.	S.M.	07/17/03
A	B.S.	S.M.	S.M.	08/13/08

**SMP TECHNOLOGY, INC.**

Pin Header, 2.00mm Pitch, Through Hole, Double Row, Right Angle

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

SERIES: H412