



**HOW TO ORDER:**

**B 1 2 2 - X X 3 1 - 0 1 X - Z**

**NUMBER OF CONTACTS:**  
10 thru 50

**DEFINITION:**  
3 - SURFACE MOUNT

**COLOR:**  
1 - BLACK

**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: 2A  
 CONTACT RESISTANCE: 20mΩ Max.  
 INSULATOR RESISTANCE: 1000MΩ Min.  
 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/DC FOR 1 MIN.  
 OPERATING TEMPERATURE: -40° C TO +105° C  
 MAX PROCESSING TEMPERATURE: 230°C FOR 30-60 SEC (260°C FOR 10 SEC)

**MATERIAL:**

INSULATOR: Polyester, UL94V-0 Nylon-6T  
 CONTACT MATERIAL: Copper Alloy

Rev	Drawn	Checked	Approved	Date	
0	Issued	A.M.	S.M.	S.M.	07/22/03
A	Revised for RoHS Compliance	WHS	S.M.	S.M.	08/07/06

**SMP TECHNOLOGY, INC.**

SCALE: N/A Box Header, 2.00mm Pitch, Elevated, Surface Mount, Vertical

TOL. DEC. .X +/- 0.38 .XX +/- 0.25 .XXX +/- 0.13 ANGLE +/- 5° UNIT: mm SERIES: B 1 2 2 - X X 3 1 - 0 1 X - Z Pg: 1