

**ELECTRICAL:**

CURRENT RATING: 1A  
 VOLTAGE RATNG: 250VAC RMS  
 CONTACT RESISTANCE: 30mW @ 1 AMP DC  
 INSULATOR RESISTANCE: 1000M W @ 500 VDC  
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC RMS 60 Hz 1 Minute  
 OPERATING TEMPERATURE: -55° C TO +85° C

**MECHANICAL:**

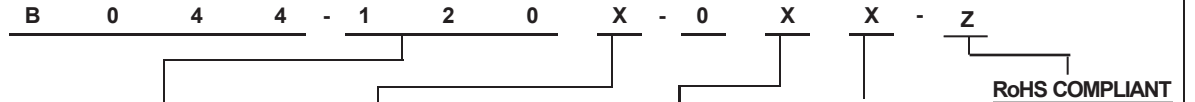
INSERTION FORCE: 230 GRAMS MAX. PER CONTACT PAIR  
 WITHDRAWAL FORCE: 15 GRAMS MIN. PER CONTACT PAIR  
 CONTACT NORMAL FORCE: 75 GRAMS MIN. PER CONTACT PAIR  
 RETENTION FORCE: 460 GRAMS. MIN. PER CONTACT

**MATERIAL:**

INSULATOR: GLASS REINFORCED THERMOPLASTIC UL94V-0  
 CONTACT: COPPER ALLOY  
 STANDARD PLATING: GOLD PLATING OVER NICKEL ON CONTACT AREA  
 TIN PLATING OVER NICKEL ON PC TAILS

RECOMMENDED PCB LAYOUT (TOP VIEW)

**HOW TO ORDER:**



**NUMBER OF CONTACTS:**  
2x60 (120)

**PEG TYPE:**  
0 - METAL  
1 - PLASTIC

**INSULATOR COLOR:**  
1 - WHITE  
2 - BLACK  
3 - BROWN

**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

Rev	Drawn	Checked	Approved	Date
0	S.E.	S.M.	S.M.	6/15/97
A	A.M.	S.M.	S.M.	07/18/05
B	B.S.	S.M.	S.M.	03/13/13

<b>SMP TECHNOLOGY, INC.</b>	
Micro Channel Slot Connector, 2 Bay, 1.27mm (0.50") Pitch	

SCALE: N/A  
 TOL. DEC. .X +/- 0.30 .XX +/- 0.25 .XXX +/- 0.10 ANGLE +/- UNIT: mm

P/N: B044-120X-0XX-Z Pg: 1