

**ELECTRICAL:**

CURRENT RATING: 1A  
 VOLTAGE RATING: 250VAC RMS  
 CONTACT RESISTANCE: < 30m  
 INSULATOR RESISTANCE: > 1000M  
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -55° C TO +85° C

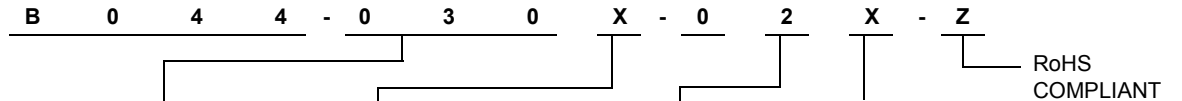
**MECHANICAL:**

INSERTION FORCE: 230 GRAMS PER CONTACT PAIR  
 WITHDRAWAL FORCE: 15 GRAMS PER CONTACT PAIR  
 RETENTION FORCE: 460 GRAMS MIN. PER CONTACT PAIR  
 MATING DURABILITY: 100 CYCLES

**MATERIAL:**

INSULATOR: HIGH TEMPERATURE THERMOPLASTIC UL94V-0  
 CONTACT: COPPER ALLOY  
 STANDARD PLATING: GOLD PLATING OVER NICKEL ON CONTACT AREA  
 MATTE TIN PLATING OVER NICKEL ON PC TAILS

**HOW TO ORDER:**



**NUMBER OF CONTACTS:**  
2x30 (060)

**PEG TYPE:**  
1 - PLASTIC

**INSULATOR COLOR:**  
2 - BLACK

**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		Apv.	Date
0	Issued	WHS	3/10/06
A	Revised for Contact Point Dimension ( 3.8 )	WHS	4/24/06
SCALE	N/A	MAT'L	FINISH
TOL. DEC.	.X +/- 0.35	.XX +/- 0.25	.XXX +/-
		ANGLE +/-	UNIT: mm

<b>SMP TECHNOLOGY, INC.</b>	
Micro Channel Slot Connector, 1 Bay, 1.27mm (0.50") Pitch, 30 Position	
P/N: B044-0301-02X-Z	Pg: 1