

RECOMMEND P.C.B THICKNESS:  
 (TYPE A) 1.57±0.18 GAPPING PLACE 1.25±0.15  
 (TYPE B) 2.28±0.18 GAPPING PLACE 1.78±0.25

**SECTION V-V**

**ELECTRICAL:**

CURRENT RATING: 1A  
 CURRENT VOLTAGE: 250VAC RMS  
 CONTACT RESISTANCE: < 30mΩ AT 1AMP DC  
 INSULATOR RESISTANCE: > 1000MΩ AT 500VDC  
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -55° C TO +105° C

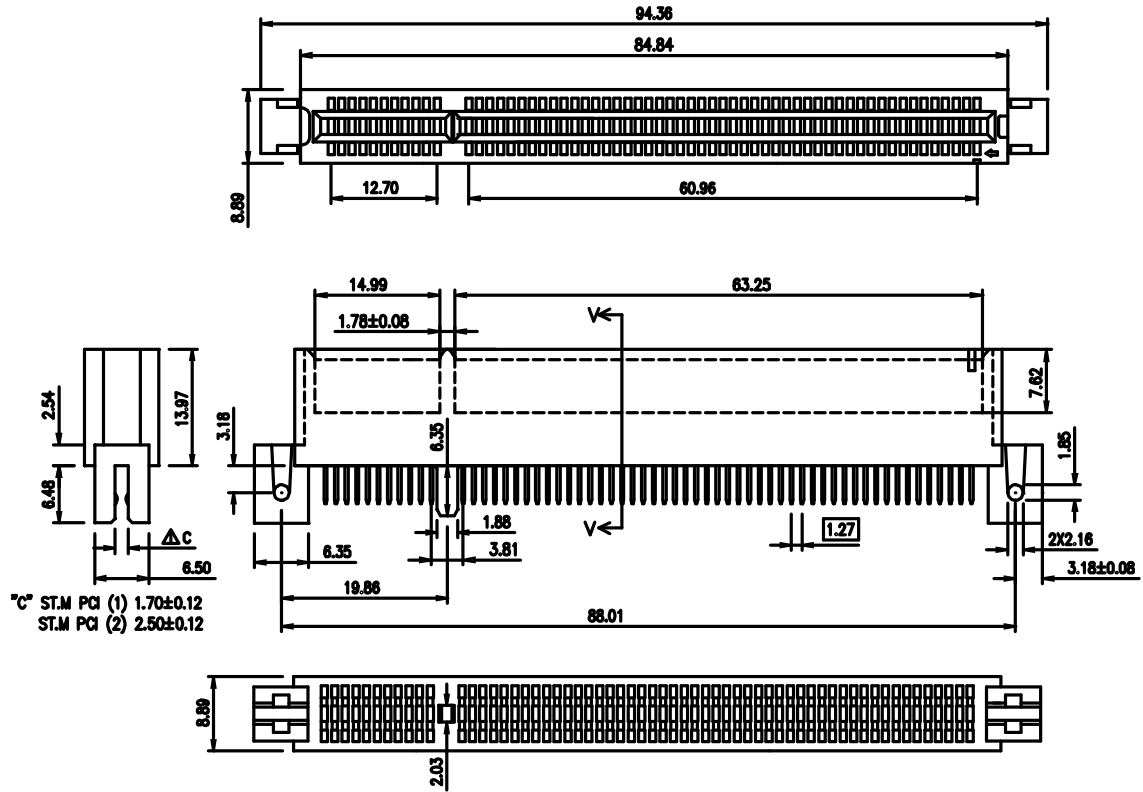
**MECHANICAL:**

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

**MATERIAL:**

HOUSING: PPS/PA-66 UL94V-0  
 CONTACT: Phosphor Bronze  
 PLATING:

- 6 - **Gold Flash** on Contact Plating  
75u" Sn/Pb [90/10] on Solder Tail  
Both over 50u" Ni Underplate
- 7 - **10u" Gold** on Contact Plating  
75u" Sn/Pb [90/10] on Solder Tail  
Both over 50u" Ni Underplate
- 8 - **15u" Gold** on Contact Plating  
75u" Sn/Pb [90/10] on Solder Tail  
Both over 50u" Ni Underplate
- 9 - **30u" Gold** on Contact Plating  
75u" Sn/Pb [90/10] on Solder Tail  
Both over 50u" Ni Underplate



**HOW TO ORDER:**

**B**   **0**   **4**   **4**   **-**   **1**   **2**   **0**   **2**   **-**   **0**   **1**   **X**   **-**   **Z**

<p><b>NUMBER OF CONTACTS:</b> 2X60 (120)</p>	<p><b>INSULATOR COLOR:</b> 1 - WHITE 2 - BLACK 3 - BROWN</p>	<p><b>SELECTIVE PLATING:</b> 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</p>
<p><b>PCB MOUNTING:</b> 0 - METAL 1 - PLASTIC 2 - STRADDLE MOUNT (TYPE A) 3 - STRADDLE MOUNT (TYPE B)</p>	<p><b>RoHS COMPLIANT</b></p>	

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	10/17/03
A	B.S.	S.M.	S.M.	1/23/07

**SMP TECHNOLOGY, INC.**

PCI Micro Channel Slot Connector, 120 Position, 1.27mm (.050") Pitch

SCALE: n/a Straddle Mount, Surface Mount