

RECOMMENDED PCB LAYOUT

**ELECTRICAL:**

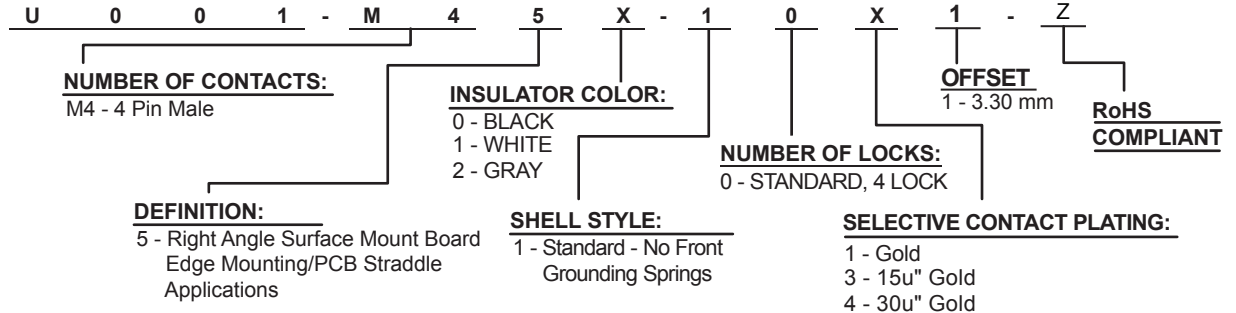
CURRENT RATING: 1A  
 CONTACT RESISTANCE: 30 Milliohm Max.  
 INSULATION RESISTANCE: 1000 Mgeaohm Min.  
 DIELECTRIC WITHSTANDING VOLTAGE: 750V (rms) AC for 1 Minute  
 OPERATING TEMPERATURE: -40° C to +105° C

**MATERIAL:**

INSULATOR: Thermoplastic UL94V-0 Nylon 9T  
 CONTACTS: Phosphor Bronze  
 CONTACT PLATING:  
 Gold Plating over Nickel on Contact Area,  
 Tin Plating on Terminal  
 SHELL: Phosphor Bronze  
 SHELL PLATING: Tin Over Copper

RECOMMENDED PC BOARD THICKNESS OF 1.57mm

**HOW TO ORDER:**



Rev	Drawn	Checked	Approved	Date	
0	Issued	D.H.	S.M.	S.M.	7/13/04
A	Revised for RoHS Compliance	WHS	S.M.	S.M.	6/1/06
B	Revised Insulator Colors	B.S.	S.M.	S.M.	07/10/12
C	Revised Dimensions	B.S.	S.M.	S.M.	06/13/19

SCALE: N/A

**SMP TECHNOLOGY, INC.**  
 USB Connector, Male Connector, 4 Position, Surface Mount, PCB Straddle Mount, 3.30mm Offset

TOL. DEC. .X +/- 0.35 .XX +/- 0.20 .XXX +/- 0.15 ANGLE +/- 5° UNIT: mm

SERIES: U001-M45X-10X1-Z Pg: 1