



Recommended P.C.B. Layout

ELECTRICAL:

CURRENT RATING: 1.5A

CONTACT RESISTANCE:

< 30 Milliohm Max.

INSULATION RESISTANCE:

> 1000 Megaohm Min.

DIELECTRIC WITHSTANDING VOLTAGE:

500V (rms) AC for 1 Minute

OPERATING TEMPERATURE: -0° C to +50° C

CAPACITANCE: 2pF Max.

MATERIAL:

INSULATOR: Thermoplastic UL94V-0

CONTACTS: Copper Alloy

CONTACT PLATING:

Gold Plating over Nickel on Contact Area,

Tin/Lead Plating on Terminal

SHELL: Copper Alloy

SHELL PLATING: Tin Over Copper Alloy

MECHANICAL:

MATING FORCE: 35 Newton's Max.

UNMATING FORCE: 10 Newtons Min.

RECOMMENDED PC BOARD THICKNESS OF 1.57mm

HOW TO ORDER:

U	0	0	1	-	0	4	7	X	-	1	0	X	-	Z		
<u>CIRCUIT DIAGRAMS</u>						<u>INSULATOR COLOR</u>			<u>SHELL STYLE</u>			<u>SELECTIVE CONTACT PLATING</u>			<u>RoHS COMPLIANT</u>	
04 - 4 Pin Single Port Type A						0 - Black 1 - White			1 - Standard - No Front Grounding Springs			1 - Gold 2 - 15" Gold 3 - 30" Gold				
<u>ORIENTATION</u>												<u># of LOCKS</u>				
7 - Right Angle, Surface Mount , Mid High Mounting Male Contact												0 - Standard 2 Locks (Top, Bottom, Sides)				

ORIENTATION

7 - Right Angle, Surface Mount , Mid High Mounting
Male Contact

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.	
0	Issued	A.M.	S.M.	S.M.	11/11/04	
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	07/18/08	
						USB Connector, Type A Receptacle, Surface Mount
TOL. DEC.	.X +/-	.XX +/-	.XXX +/-	ANGLE +/-	UNIT: mm	P/N: U001-047X-10X-Z
						Pg: 1