



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: -55° C to +125° C
 CAPACITANCE: 2pF Max.

MATERIAL:

INSULATOR: Thermoplastic UL94V-0
 CONTACTS: Phosphor Bronze
 CONTACT PLATING:
 Gold Plating over Nickel on Contact Area,
 Tin/Lead Plating on Terminal
 SHELL: Phosphor Bronze
 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 5 X - 1 0 X - Z

<p>CIRCUIT DIAGRAMS 04 - 4 Pin Single Port Type A</p>	<p>INSULATOR COLOR 0 - Black 1 - White</p>	<p>SHELL STYLE 1 - Standard - No Front Grounding Springs</p>	<p>SELECTIVE CONTACT PLATING 1 - Gold 2 - 15" Gold 3 - 30" Gold</p>	<p>RoHS COMPLIANT</p>
<p>ORIENTATION 5 - Right Angle Surface Mount Board Edge Mounting/PCB Straddle Applications</p>		<p># of LOCKS 0 - Standard 2 Locks (Top, Bottom, Sides)</p>		

Rev		Drawn	Checked	Approved	Date
0	Issued	D.H.	S.M.	S.M.	6/22/04
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	07/16/08

SMP TECHNOLOGY, INC.

USB Type A Connector, 4 Position, Right Angle Surface Mount
(PCB Edge Mounting/ Straddle Applications)

SCALE:n/a

TOL. DEC. .X +/- .XX +/- .XXX +/- ANGLE +/- UNIT: mm

P/N: U001-045X-10X-Z Pg: 1