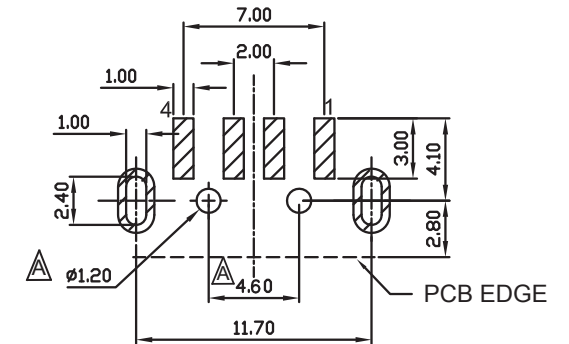


ISOMETRIC VIEW



RECOMMENDED PCB LAYOUT TOP VIEW

PCB THICKNESS: 1.20±0.05mm

**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: -55° C to +105° C

**HOW TO ORDER:**

U 0 0 1 - M 4 7 X - 1 0 X 2 - Z

**MATERIAL:**

INSULATOR: High Temperature Thermoplastic UL94V-0  
 CONTACTS: Copper Alloy  
 CONTACT PLATING:  
 Gold Plating over Nickel on Contact Area,  
 Tin Plating on Terminal  
 SHELL: Copper Alloy  
 SHELL PLATING: Tin Over Copper Alloy

**CIRCUIT DIAGRAMS**

04 - 4 Pin Single Port Type A

**INSULATOR COLOR**

0 - Black  
 1 - White

**ORIENTATION**

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

**OFFSET**  
 2 - 1.85 mm

**SELECTIVE CONTACT PLATING**

1 - Gold  
 2 - 15" Gold  
 3 - 30" Gold

RoHS  
 COMPLIANT

Rev	Issued	Drawn	Checked	Approved	Date
0	Issued	A.M.	S.M.	S.M.	07/11/13
A	Revised Dimensions	B.S.	S.M.	S.M.	06/23/16

**SMP TECHNOLOGY, INC.**

USB Connector, Type A Male Plug, Surface Mount, 1.85 mm Offset

SCALE: N/A

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

P/N: U001-M47X-10X2-Z

Pg: 1