



RECOMMENDED PCB LAYOUT

ELECTRICAL:

CURRENT RATING: 1.5A / Terminal

VOLTAGE RATING: 30 VDC

CONTACT RESISTANCE:

< 30 Milliohm Max.

INSULATION RESISTANCE:

> 1000 Megaohm Min. at 500DC

DIELECTRIC WITHSTANDING VOLTAGE:

500V (rms) AC for 1 Minute

OPERATING TEMPERATURE: -40°C to +85°C

MATERIAL:

INSULATOR: Thermoplastic

CONTACTS: Copper Alloy

CONTACT PLATING: Gold Plating over Nickel on Contact Area,

Tin Plating over Nickel on PCB Tail

SHELL: Copper Alloy

SHELL PLATING: Nickel 100-200u"

MECHANICAL

MAX PROCESS TEMP: 230°C for 30~60 Seconds

260°C for 10 Seconds

HOW TO ORDER:

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

NUMBER OF CONTACTS:

04 - 4 PIN SINGLE PORT

INSULATOR COLOR:

0 - BLACK

1 - WHITE

**RoHS
COMPLIANT**

SELECTIVE CONTACT PLATING:

2 - Au Flash

3 - 15u" Gold

4 - 30u" Gold

| Rev | Description | Drawn | Checked | Approved | Date |
|-----|---------------------------------|-------|---------|----------|----------|
| 0 | Issued | S.E. | S.M. | S.M. | 10/1/97 |
| A | Revised | D.H. | S.M. | S.M. | 7/20/04 |
| B | Revised for RoHS Compliance | WHS | S.M. | S.M. | 6/08/06 |
| C | Revised for Shell Modifications | B.S. | S.M. | S.M. | 11/21/19 |

SCALE: N/A

SMP TECHNOLOGY, INC.

USB Connector 4 Pin, Type B, Right Angle, Single Port, Thru Hole

TOL. DEC. .X +/-0.38 .XX +/-0.25 .XXX +/-0.15 ANGLE +/- 2° UNIT: mm

P/N: U002-040X-10X-Z

Pg: 1