



RECOMMENDED PCB LAYOUT

ELECTRICAL:

CURRENT RATING: 1.5A
 CONTACT RESISTANCE:
 < 30mohm Max.
 INSULATOR RESISTANCE:
 > 1000Mega Ohm Min.
 DIELECTRIC WITHSTANDING VOLTAGE:
 750VAC for 1 Minute
 OPERATING TEMPERATURE: -55° C to +85° C

MATERIAL:

INSULATOR: Thermoplastic UL94V-0
 CONTACTS: Copper Alloy
 SHELL PLATING: Nickel

MECHANICAL:

CONTACT INSERTION FORCE: 35 Newtons Max
 CONTACT SEPARATION FORCE: 10 Newtons Min.

HOW TO ORDER:

U 0 0 1 - 0 4 1 X - 9 0 X - Z

NUMBER OF CONTACTS:

04 - 4 PIN SINGLE PORT

DEFINITION:

1 - STRAIGHT

INSULATOR COLOR:

0 - BLACK
 1 - WHITE

of LOCKS

1 - 4 Locks

SELECTIVE CONTACT PLATING:

1 - Gold Flash
 3 - 15u" Au
 4 - 30u" Au

RoHS Compliant

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	2/12/08
A	B.S.	S.M.	S.M.	5/25/16

SMP TECHNOLOGY, INC.

SCALE: N/A USB CONNECTOR, SINGLE PORT, STRAIGHT, TYPE A (15.0mm Height)

TOL. DEC. .X +/- 0.30 .XX +/- 0.20 .XXX +/- 0.15 ANGLE +/- UNIT: mm P/N: U001 - 041X - 90X - Z Pg: 1