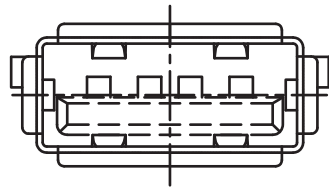


Recommended PCB Layout



ELECTRICAL:

CURRENT RATING: 1A
 CONTACT RESISTANCE:
 < 30m Ohm Max.
 INSULATOR RESISTANCE:
 > 1000M Ohm Min.
 DIELECTRIC WITHSTANDING VOLTAGE:
 500 VAC for 1 Minute
 OPERATING TEMPERATURE: -55° C to +105° C

MATERIAL:

INSULATOR: Thermoplastic UL94V-0
 CONTACTS: Gold Plated
 SHELL PLATING: Nickel

MECHANICAL:

CONTACT INSERTION FORCE: 3.5 Kgf Max
 CONTACT SEPARATION FORCE: 1.0 Kgf Max

HOW TO ORDER:

U 0 0 1 - 0 4 1 X - 8 1 X - Z

NUMBER OF CONTACTS:

04 - 4 PIN SINGLE PORT

DEFINITION:

1 - STRAIGHT

SHELL STYLE

8 - Height 13.7mm Vertical

of LOCKS

1 - 4 Locks

RoHS Compliant

INSULATOR COLOR:

0 - BLACK
 1 - WHITE

SELECTIVE CONTACT PLATING:

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

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	2/12/08
A	B.S.	S.M.	S.M.	12/10/09
B	B.S.	S.M.	S.M.	01/22/12

SMP TECHNOLOGY, INC.

USB CONNECTOR, SINGLE PORT, STRAIGHT, TYPE A (13.7mm Height)

TOL. DEC. .X +/- 0.20 .XX +/- 0.10 .XXX +/- 0.05 ANGLE +/- UNIT: mm

P/N: U001 - 041X - 81X - Z