



Recommended PCB Layout

ELECTRICAL:

CURRENT: 1A
 VOLTAGE: 300V
 WITHSTANDING VOLTAGE: 1000VAC (r.m.s) For 1 MIN.
 INSULATION RESISTANCE: > 1000M ohms at 500V DC
 CONTACT RESISTANCE: 30m ohm MAX.
 DIELECTRIC STRENGTH: 1000V AC For 1 MIN.
 OPERATING TEMPERATURE: -55° C TO +105° C

MATERIAL:

INSULATOR: PPS (UL94V-0)
 CONTACT: COPPER ALLOY
 SHELL: STEEL; NICKEL PLATED
 PLATING: Specified Gold Plating Thickness in Contact Area,
 Tin Plating on PC Tail. All Over 50u" Nickel Subplate

HOW TO ORDER:

A **5** **1** **1** **-** **1** **5** **2** **X** **-** **0** **1** **X** **-** **Z**

CONTACT TYPE: **NUMBER OF CONTACTS:**

1 - FEMALE 15

FOOTPRINT:

2 - 2 ROW FULL BODY

INSULATOR:

0 - PC99 (Blue)
 1 - PBT (Black)
 2 - High Temperature Nylon (Black)
 3 - High Temperature Nylon (PC99 Color)

MOUNTING OPTION:

01 - GROUNDING BRACKET

SELECTIVE CONTACT PLATING:

0 - FULL Au FLASH
 1 - Au FLASH CONTACT AREA/TIN TAIL
 4 - 10u" Au
 5 - 15u" Au
 7 - 30u" Au

**RoHS
 COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	1/13/05
A	B.S.	S.M.	S.M.	11/06/17
B	B.S.	S.M.	S.M.	11/16/17

SMP TECHNOLOGY, INC.

High Density D-Sub, 15 Pos, Female, Ultra Thin, 1.7mm Foot Print

SCALE: N/A

TOL. DEC. .X +/- 0.20 .XX +/- 0.10 .XXX +/- 0.08 ANGLE +/- 1° UNIT: mm

P/N: A511-152X-01X-Z

Pg: 1