

Recommended PCB Soldering Pattern

**Electrical :**

Impedance : 50 ohm

Voltage Rating :  $\geq 500$  V rms MIN.(depending on cable)Insulator Resistance :  $\geq 5$  G $\Omega$ 

Dielectric Withstanding Voltage : 1000 V rms .

Contact Resistance : Center Contact  $\leq 3$  m $\Omega$ .Outer Contact  $\leq 2.5$  m $\Omega$  .**Mechanical :**

Mating : 1/4-36 UNS Screw-on Coupling.

Recommended Mating Torque : 7.1~9.7 lbs

Coupling Nut Retention Force :  $\geq 60.7$  lbs**Environmental :**

Temperature Range : -65°C to 165°C

Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. B

Thermal Shock : MIL-STD-202, Method 107, Cond. B




Mechanical : MIL-STD-202, Method 213, Cond. I

Vibration : MIL-STD-202, Method 204, Cond. D

Type	Dimensions					
	A	B	C	D	b	c
<b>L0(0.8)</b>	<b>1.25</b>	<b>1.02</b>	<b>5.1</b>	<b>0.8</b>	<b>1.40</b>	<b>5.1</b>
<b>L0(1.0)</b>	<b>1.25</b>	<b>1.02</b>	<b>5.1</b>	<b>1.0</b>	<b>1.40</b>	<b>5.1</b>
<b>L0(1.3)</b>	<b>1.25</b>	<b>1.02</b>	<b>5.1</b>	<b>1.3</b>	<b>1.40</b>	<b>5.1</b>
<b>L0(1.6)</b>	<b>1.25</b>	<b>1.02</b>	<b>5.1</b>	<b>1.6</b>	<b>1.40</b>	<b>5.1</b>

**Notes :**

1. The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.
2. Any changes for interface dimensions are strictly prohibited.
3. The Material and plating are in various options per customer's request.
4. A complete information for connectors is available upon request.

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NTS	ST	2019/07/08	B		TITLE			SMA S/T Jack, End Launch Type
Tolerances :				Customer P/N: Nil				
.X ±0.2 .XX ±0.1 .XXX ±0.05		All Dimensions in mm (Unless Otherwise Specified)						
Drawn	Checked	Approved		<div>S-Conn Enterprise Co., Ltd.</div>				 <div>let's Connect The World!</div>
Mark	Ryan	G. Sun						
2017/03/17	2017/03/17	2017/03/17						