

Recommended PCB Layout

## Electrical :

Impedance : 50 ohm

Voltage Rating : 250 V rms MIN. (depending on cable)

Insulator Resistance :  $\geq 1 \text{ G}\Omega$

Dielectric Withstanding Voltage : 750 V rms .

Contact Resistance : Center Contact  $\leq 5 \text{ m}\Omega$ .

Outer Contact  $\leq 2.5 \text{ m}\Omega$

Type	Dimensions						
	A	B	C	D	a	b	c
H0	0.97	1.02	5.08	22.3	1.2	1.7	5.08

## Mechanical :

Mating : Snap-on Coupling.

Engagement Force :  $\leq 14.2 \text{ lbs}$

Disengagement Force : 1.8~14.2 lbs

## Environmental :

Temperature Range : -65°C to 165°C

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


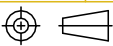

Thermal Shock : MIL-STD-202, Method 107, Cond. B

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

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

## 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	2019/07/22	B		TITLE	
<div>Tolerances :</div> <div>.X ±0.2</div> <div>.XX ±0.1</div> <div>.XXX ±0.05</div>			<div></div> <div>All Dimensions in mm</div> <div>(Unless Otherwise Specified)</div>		SMB R/A Jack, PCB Mount Type (Epoxy)	
Customer P/N: Nil						
Drawn	Checked	Approved				
<div>Mark</div> <div>2019/07/19</div>	<div>Ryan</div> <div>2019/07/19</div>	<div>G. Sun</div> <div>2019/07/19</div>			<div></div> <div><b>S-Conn</b>®</div> <div>Let's Connect The World!</div>	
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