



Recommended PCB Layout

**Electrical :**

- Impedance : 75 ohm
- Voltage Rating : 500 V rms.(depending on cable)
- Insulator Resistance :  $\geq 5 \text{ G}\Omega$
- Dielectric Withstanding Voltage : 1500 V rms .
- Contact Resistance : Center Contact  $\leq 10 \text{ m}\Omega$ .  
Outer Contact  $\leq 1 \text{ m}\Omega$  .

Type	Dimensions					
	A	B	C	a	b	c
A0	1.27	9.5	11.5	1.4	8.16	2.2

**Mechanical :**

- Mating : 3/8-32 UNEF Screw-on Coupling.
- Recommended Mating Torque : 0.38~0.51 lbs
- Coupling Nut Retention Force :  $\geq 1.5 \text{ lbs}$

**Environmental :**

- Temperature Range : -40°C to 60°C
- Corrosion (Salt Spray) : IEC61169-1, Sub Clause 9. 4. 6
- Thermal Shock : IEC61169-1, Sub Clause 9. 4. 4
- Mechanical : IEC61169-1, Sub Clause 9. 3. 14
- Vibration : IEC61169-1, Sub Clause 9. 3. 3

**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.

Scale	Abbr.	Date	Rev.
NTS	ST	2019/07/08	B
Tolerances :			
.X	$\pm 0.2$	All Dimensions in mm (Unless Otherwise Specified)	
.XX	$\pm 0.1$		
.XXX	$\pm 0.05$		
Drawn	Checked	Approved	
Mark	Ryan	G. Sun	
2019/07/08	2019/07/08	2019/07/08	

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 Customer P/N: Nil

DWG.NO.	F203	
TITLE	F Push-on Jack, PCB Mount Type (G series)	

**S-Conn Enterprise Co., Ltd.**

