



Recommended PCB Layout

## Frequency:

Frequency range: 0~ 3 GHz

VSWR: ≤1.35

Insertion Loss (dB): 0.177 under 3GHz

PN  
index

Cable Type	Dimensions						
	A	B	C	D	E	a	d
RG174,316	0.65	3.1	0.5	2.54	4	0.8	2.54

0

## Electrical:

Impedance: 50 ohm

Voltage Rating: ≥175 V rms MIN (Depending on cable)

Insulator Resistance : ≥1 GΩ

Dielectric Withstanding Voltage : 500 V rms

Contact Resistance : Center Contact ≤ 5 mΩ.

Outer Contact ≤ 2.5 mΩ

## Mechanical:

Mating : Snap-on Coupling

Engagement Force: 6.0 lbs

Disengagement Force: 1.8 lbs ~ 6.0 lbs



## Environmental:

Temperature Range : -55°C to 155°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.

Tolerances	Scale	Abbr.	Rev.	Part Number	F192-130X ..... PN index above	
.X ±0.2 .XX ±0.1 .XXX ±0.05	NTS	ST	B			
PAGE <b>1 of 1</b>	All Dimensions in mm (Unless Otherwise Specified)			2021/09/01		