

## Frequency:

Frequency range: 0~4 GHz

VSWR:  $\leq 1.3$  (straight connector)  
 $\leq 1.45$  (right angle)

Insertion Loss (dB): 0.177 under 6 GHz (50 ohm )  
 0.177 under 1 GHz ( 75 ohm )

## Electrical:

Impedance : 50/75 ohm

Voltage Rating :  $\geq 250$  V rms (depending on cable)

Insulator Resistance :  $\geq 1$  G $\Omega$

Dielectric Withstanding Voltage : 750 V rms

Contact Resistance : Center Contact  $\leq 5$  m $\Omega$

Outer Contact  $\leq 2.5$  m $\Omega$

## Mechanical:

Mating : Snap-on coupling

Engagement Force :  $\leq 14.2$  lbs

Disengagement Force : 1.8 lbs ~ 14.2 lbs



PN index	Cable Type	Dimensions			
		A	B	C	D
0	RG174,316	1.6	2.7	0.6	3.2
1	RG179(75 $\Omega$ )	1.6	2.7	0.4	3.2
2	Mini Coaxial Cable	1.5	2.7	0.6	/
3	BT3002(75 $\Omega$ )	2.1	3.2	0.4	3.6

## Environmental:

Temperature Range : -65 $^{\circ}$ C to 165 $^{\circ}$ 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

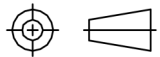
## Notes:

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 .X $\pm 0.2$ .XX $\pm 0.1$ .XXX $\pm 0.05$	Scale NTS	Abbr. ST	Rev. B	Part Number <b>F122-112x</b> PN index above	
PAGE <b>1 of 1</b>	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/30	