



## Frequency:

Frequency range: 0~18 GHz

VSWR: < 1.1

## Electrical:

Impedance: 50 ohm

Voltage Rating:  $\geq 500$  V rms (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  $\leq 2$  m $\Omega$

## Material & Finishes:

Housing: SU303F—Polished and Passivated

Center Contact: Beryllium Copper, Gold Plate

Insulators: PTFE/PEI



## 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

## 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	F112-142A	
.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)			Date	2021/01/12	