



## 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 )

PN  
index  
0

| Cable Type | Dimensions |     |     |
|------------|------------|-----|-----|
|            | A          | B   | C   |
| RG174,316  | 1.63       | 2.7 | 3.2 |

## 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

## 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.

| Tolerances                                       | Scale  | Abbr. | Rev. | Part Number | F122-212X<br>.....<br>PN index above |  |
|--|--|-------|------|-------------|--------------------------------------|--|
| .X $\pm 0.2$<br>.XX $\pm 0.1$<br>.XXX $\pm 0.05$ | NTS  | ST    | B    |             |                                      |  |
| PAGE   | All Dimensions in mm<br>(Unless Otherwise Specified) |       |      | Date        |                                      |  |
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