

## Frequency:

Frequency range: 50ohm: 0~4GHz

75ohm: 0~1GHz

VSWR: 1.5 Max. under 4GHz (50 ohm)

1.5 Max. under 1GHz (75 ohm)

Insertion Loss (dB): 0.177 under 4GHz (50 ohm)

0.177 under 1GHz (75 ohm)

## Electrical:

Impedance : 50/75 ohm

Voltage Rating :  $\geq 500$  V rms (depending on cable)

Insulator Resistance :  $\geq 5$  G $\Omega$

Dielectric Withstanding Voltage : 1500 V rms

Contact Resistance : Center Contact  $\leq 1.5$  m $\Omega$ .

Outer Contact  $\leq 1$  m $\Omega$

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| Type | Dimensions |     |       |     |      |      |     |
|------|------------|-----|-------|-----|------|------|-----|
|      | A          | B   | C     | D   | a    | b    | d   |
| F0   | 0.7        | 6.2 | 28.15 | 6.6 | 1.17 | 2.11 | 6.6 |

## Mechanical:

Mating : Bayonet Coupling

Recommended Mating Torque : 0.6~2.5 lbs

Coupling Nut Retention Force :  $\geq 101.2$  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.G

Vibration : MIL-STD-202, Method 204, Cond.B

## 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.

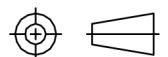
4- A complete information for connectors is available upon request.

| Tolerances      |
|-----------------|
| .X $\pm 0.2$    |
| .XX $\pm 0.1$   |
| .XXX $\pm 0.05$ |

| Scale | Abbr. | Rev. |
|-------|-------|------|
| NTS   | ST    | B    |

Part Number F102-243X..

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All Dimensions in mm  
(Unless Otherwise Specified)

Date

2021/08/01

