

## 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 $\Omega$

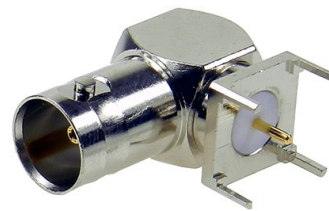
Dielectric Withstanding Voltage : 1500 V rms

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
A0	1.0	0.8	18.3	10.2	1.2	1.6	10.2
A1	1.0	0.8	19	10.2	1.2	1.6	10.2
A2	1.0	0.8	17.5	10.2	1.2	1.6	10.2



## 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.

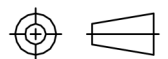
3- The Material and plating are in various options per customer's request.

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 **F102-230X**  
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All Dimensions in mm  
(Unless Otherwise Specified)

Date

2021/08/01

