

Frequency:

Frequency range: 0~4 GHz

VSWR: ≤ 1.3 (straight connector)
 ≤ 1.45 (right angle)

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

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Type	Dimensions							
	A	B	C	D	E	a	b	c
A0	0.9	1.02	5.08	3.9	11.7	1.5	1.7	5.08
F0	0.95	1.0	5.0	3.8	11	1.5	1.7	5.0
K0	0.9	1.02	5.08	3.9	13	1.5	1.7	5.08

Electrical:

Impedance : 50/75 ohm

Voltage Rating : ≥ 250 V rms (depending on cable)

Insulator Resistance : ≥ 1 G Ω

Dielectric Withstanding Voltage : 750 V rms

Contact Resistance : Center Contact ≤ 5 m Ω

Outer Contact ≤ 2.5 m Ω



Mechanical:

Mating : Snap-on coupling

Engagement Force : ≤ 14.2 lbs

Disengagement Force : 1.8 lbs ~ 14.2 lbs

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.

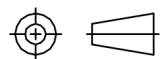
3- The Material and plating are in various options per customer's request.

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

Tolerances
.X ± 0.2
.XX ± 0.1
.XXX ± 0.05

Scale	Abbr.	Rev.
NTS	ST	B

Part Number **F121-230X**
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 All Dimensions in mm
 (Unless Otherwise Specified)

Date
2021/08/29

