

## RFXF0006H Absolute Maximum Ratings

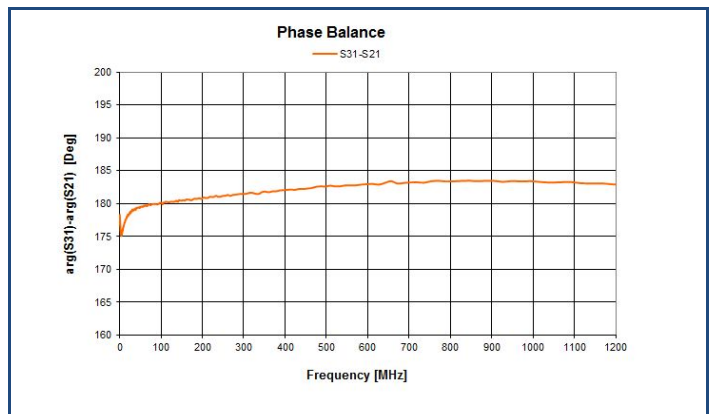
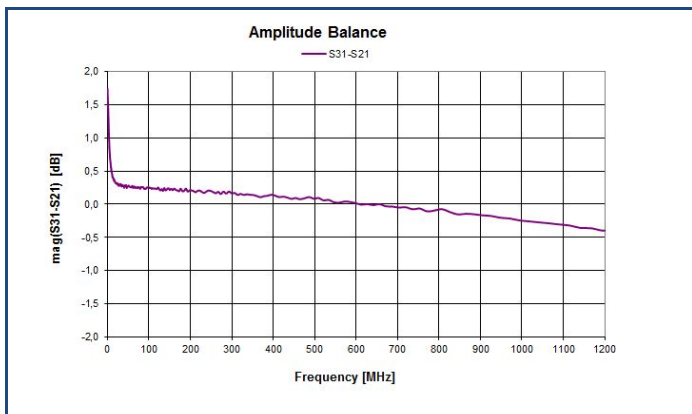
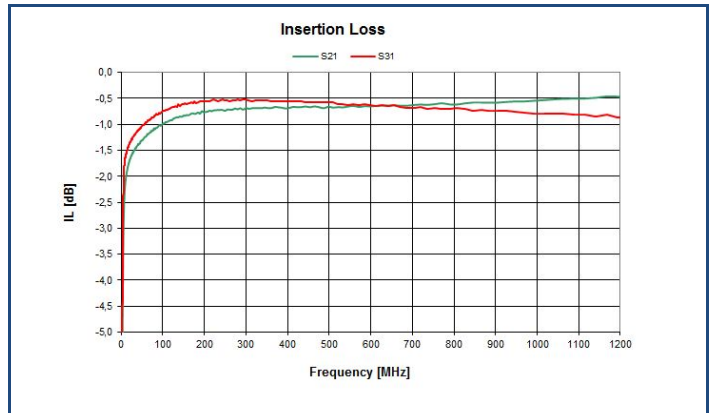
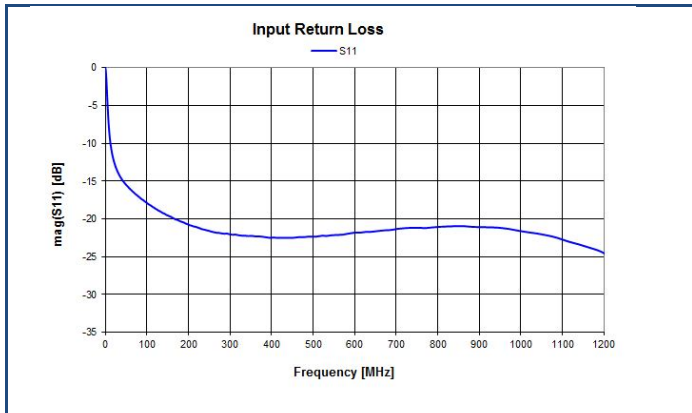
Parameter	Value / Range
RF Power	2 W
Storage Temperature Range	-55 to 100 °C
Operating Temperature Range	-40 to 100 °C

Operation of this device outside the parameter ranges given above may cause permanent damage.

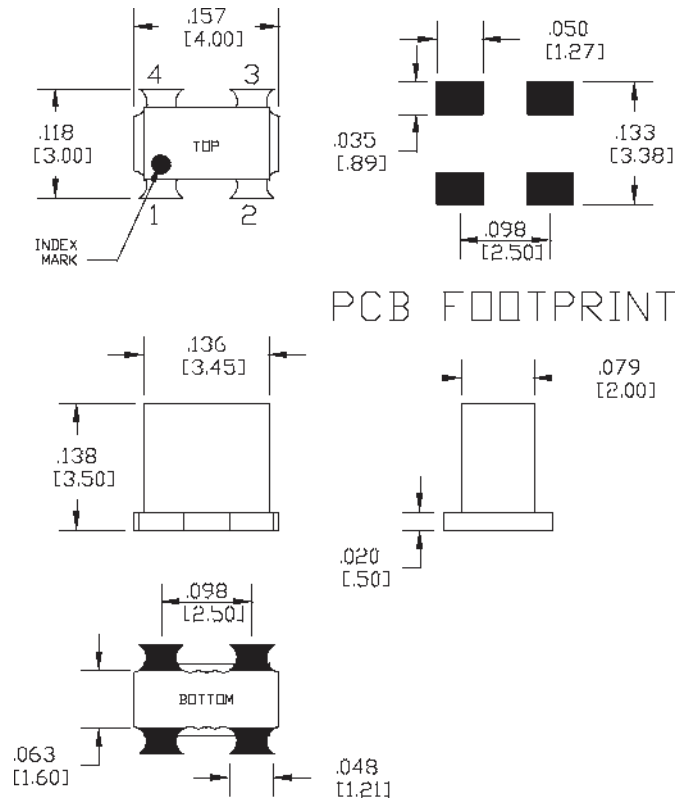
## Nominal Operating Parameters

Parameter	Test Conditions: $T_{MB}=25^{\circ}C$	Min	Typ	Max	Unit
General Performance. Typical values represent Mid Band performance at $T=25^{\circ}C$					
Operational Frequency Range	–	45	–	1200	MHz
Insertion Loss	$f_o=$ 45 to 100 MHz		1.3	1.5	dB
	$f_o=$ 100 to 600 MHz		0.9	1.1	
	$f_o=$ 600 to 1000 MHz		0.7	1.0	
	$f_o=$ 1000 to 1200 MHz		0.6	1.0	
Input Return Loss		12	15		dB
Amplitude Balance			0.4	0.6	dB
Phase Balance	Nominal Phase Difference is 180°		4	5	°
Impedance Ratio		1:1			
Type - Transmission Line		Unbalanced to Balanced			

Typical Performance: T=25°C unless otherwise noted



**Package Outline, Pin Out and Branding Drawing (Dimensions in inches [mm])**



**Pin Names and Descriptions**

Pin	Name	Description
1	PRIMARY DOT	Input (Port 1)
2	PRIMARY	Ground
3	SECONDARY DOT	Output (Port 3)
4	SECONDARY	Output (Port 2)

## Handling Precautions

Parameter	Rating	Standard
ESD – Human Body Model (HBM)	N.A.	MIL-STD-1686



## RoHS Compliance

This part is compliant with 2011/65/EU RoHS directive (Restrictions on the Use of Certain Hazardous Substances in Electrical and Electronic Equipment) as amended by Directive 2015/863/EU.

## Contact Information

For the latest specifications, additional product information, worldwide sales and distribution locations:

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