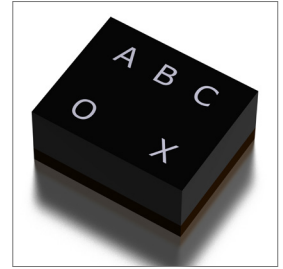


Features
• 1559.10 - 1605.89MHz Frequency Range
• Ultra-Miniature Package
• Single Ended Operation
• Low Amplitude Ripple
• Electrostatic Sensitive Device

Applications
• Compass & GPS & GLONASS Rx

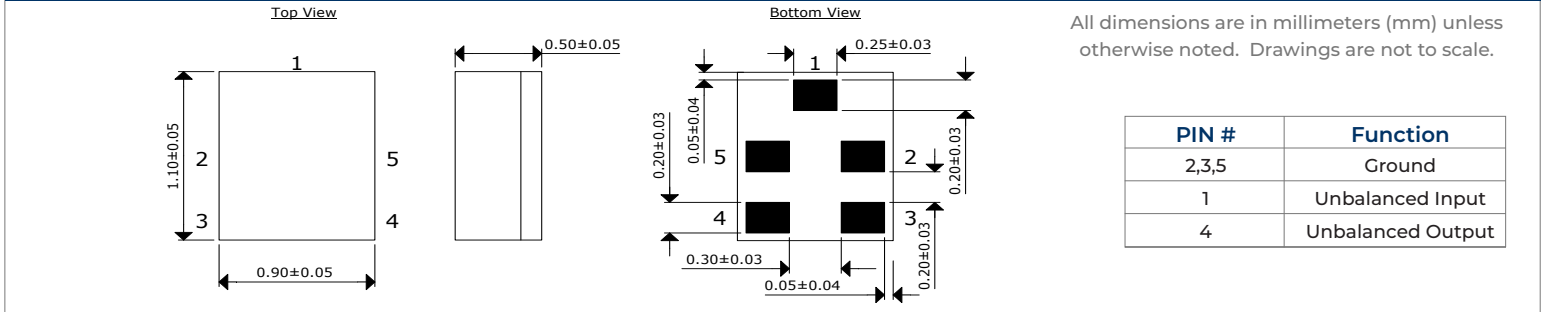


Part Numbering Guide

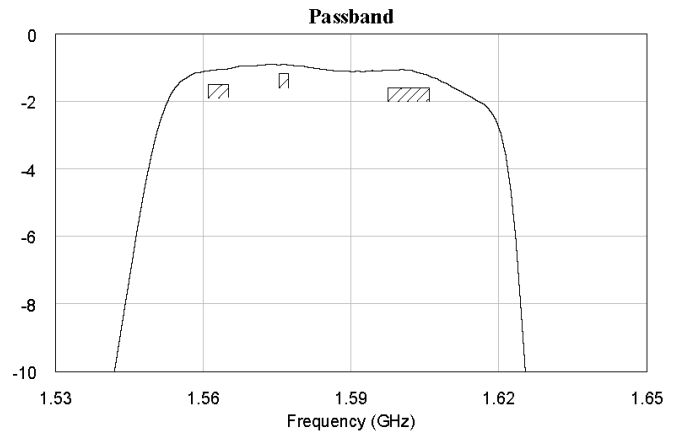
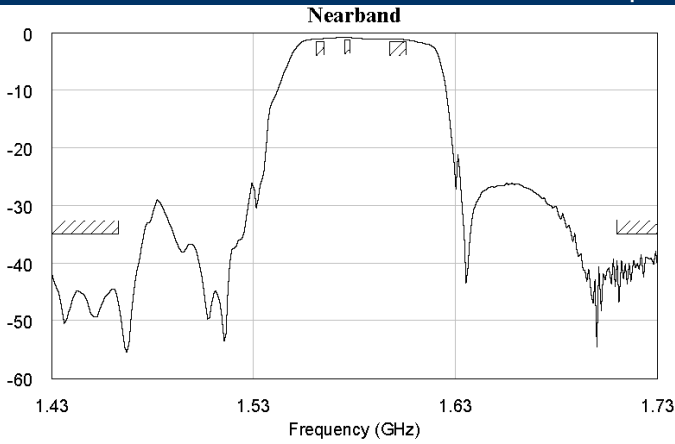


Electrical Parameters (at 25 °C)	Units	Minimum	Typical	Maximum	Remarks
Insertion Loss	1559.10 - 1563.10MHz		1.2	1.5	
	1574.42 - 1576.42MHz		0.9	1.2	
	1597.55 - 1605.89MHz		1.3	1.6	
VSWR (In / Out)	1559.10 - 1563.10MHz		1.1	1.6	
	1574.42 - 1576.42MHz		1.2	1.5	
	1597.55 - 1605.89MHz		1.3	1.7	
Attenuation -	DC - 960.00MHz	37	40		
	1427.00 - 1463.00MHz	40	44		
	1741.00 - 1785.00MHz	35	38		
	1850.00 - 1910.00MHz	35	38		
	1920.00 - 1980.00MHz	35	38		
	2400.00 - 2483.00MHz	42	45		
	2500.00 - 2570.00MHz	42	45		
	2570.00 - 3000.00MHz	28	43		
	4900.00 - 6000.00MHz	23	27		
DC voltage(VDC)			5.0		
Operating Temperature		-30		+85	
Storage Temperature		-40		+85	
Maximum Input Power				15	
Termination Impedance	Source: 50ohm / Load: Unbalanced 50ohm				

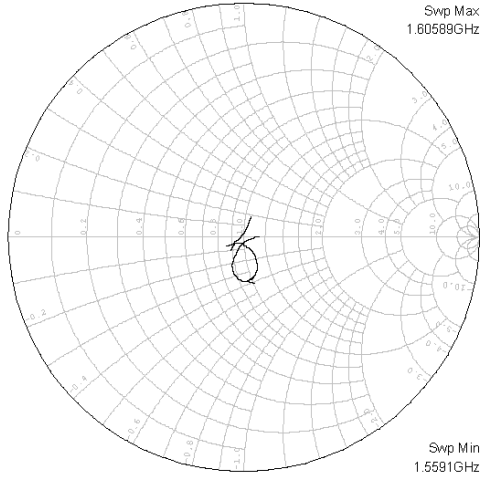
Outline Drawing



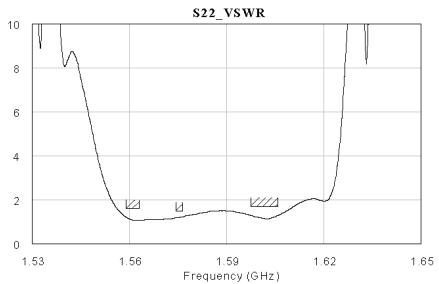
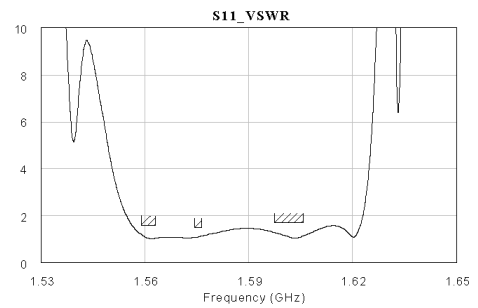
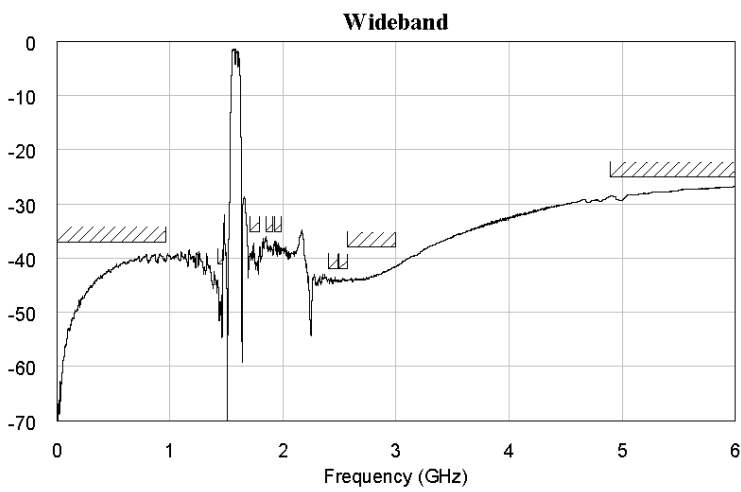
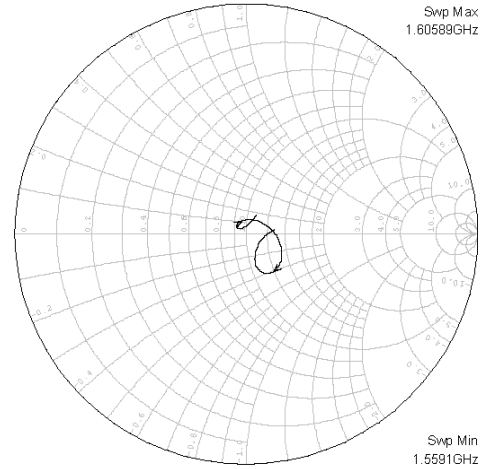
Frequency Characteristics



S11_smithchart

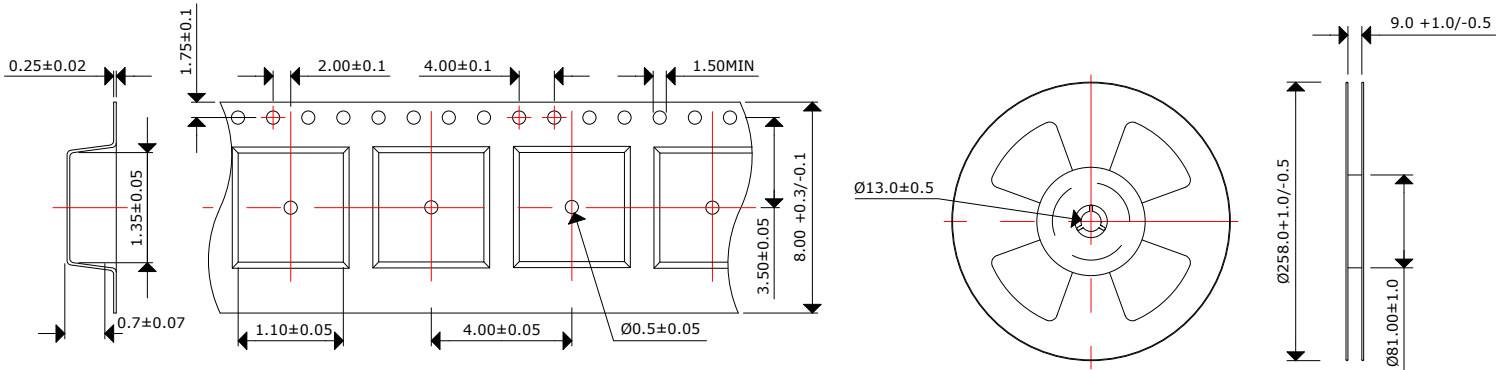


S22_smithchart



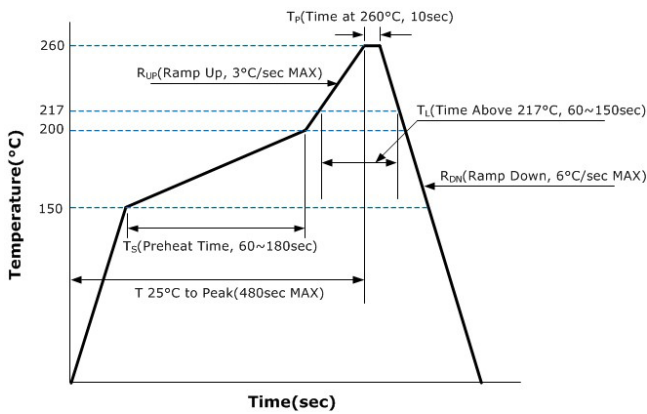
Tape and Reel Dimensions

10,000 pcs/reel



All dimensions are in millimeters (mm) unless otherwise noted. Drawings are not to scale.

Reflow Profile



Marking

A B C
 O X

- The 1st and 2nd Characters "A B" indicates the Model Of SAW Filter
- The 3rd Character "C" indicates the Year and Month of Manufacture (As per below Table)
- The 4th Character "X" indicates the Lot No.
- This Symbol "O" indicates input Pin 1

Year	MONTH											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	1	2	3	4	5	6	7	8	9	A	B	C
2018	D	E	F	G	H	I	J	K	L	M	N	O
2019	P	Q	R	S	T	U	V	W	X	Y	Z	a
2020	1	2	3	4	5	6	7	8	9	A	B	C

Measurement Circuit

