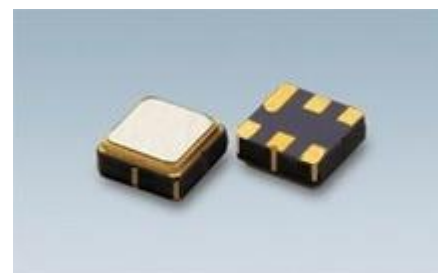




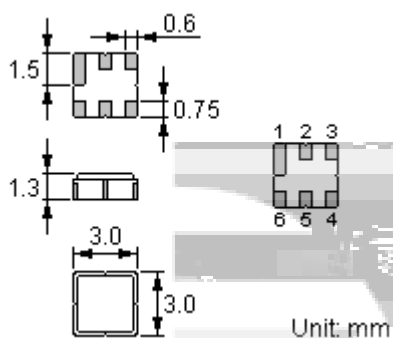
Customer's Approval Certificate	
Complies with Directive 2002/95/EC (RoHS)	
Please return this Page Via email as a certification of Your approval	
Checked & Approval by:	Date:

sales@_____

Low-loss RF filter
High Rejection
Single Ended Operation at 50 Ω without matching
Ceramic Package for surface mounted
technology ()
Lead-free Production and Compliance



Ceramic Package:

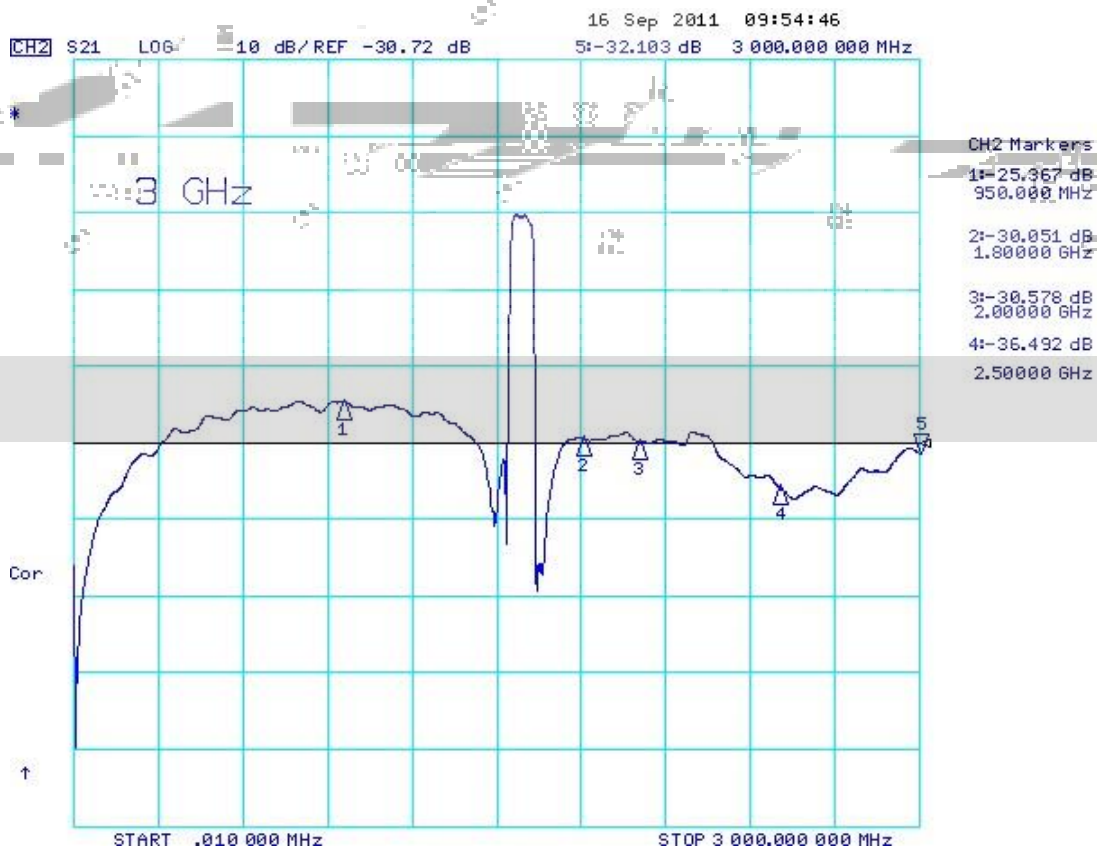
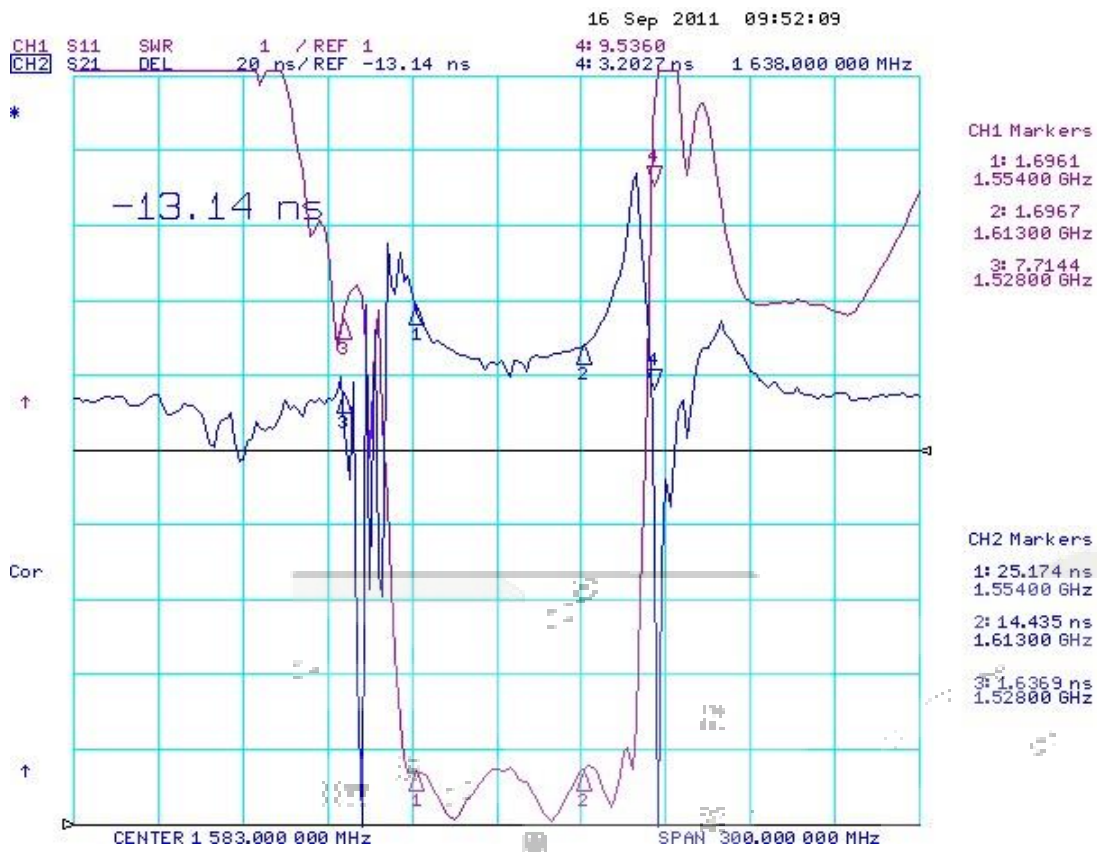


2	Input
5	Output
1, 3, 4, 6	Case Ground
1, 3, 4, 6	To Be Grounded

Operating Temperature Range	T_A	-40 ~ +85	°C
Storage Temperature Range	T_{stg}	-40 ~ +85	°C
DC Voltage (between any Terminals)	V_{DC}	12	V
RF Power (in <i>BI</i>)	P	10.	dBm

Center Frequency	f_c	-	1583	-	MHz
Maximum Insertion Loss in 1554 MHz- 1613MHz	$//L$	-	2.2	3.0	dB
Amplitude Variation in 1554 MHz- 1613MHz			1.0	1.5	dB
Absolute Attenuation					
0.30 ... 950.00MHz		22	25	-	dB
1528.00 MHz		30	33	-	dB
1638.00 MHz		30	38	-	dB
2000.00 ... 3000.00 MHz		24	28	--	dB
Input VSWR in 1554 MHz- 1613MHz		-		2.2:1	
Output VSWR in 1554 MHz- 1613MHz		-		2.2:1	
Group delay ripple 1554 MHz- 1613MHz			20	50	ns
Source / Load Impedance (single ended)		50			





1	Mechanical shock	(a) Drops: 3 times on concrete floor (b) Height: 1.0 m
2	Vibration resistance	(a) Frequency of vibration: 10~55Hz (b) Amplitude: 1.5 mm (c) Directions: X,Y and Z (d) Duration: 2 hours
3	Moisture resistance	(a) Condition: 40°C, 90~95% R.H. (b) Duration: 96 hours (c) Wait 4 hours before measurement
4	Climatic sequence	(a) +70°C for 16 hours (b) +55°C for 24 hours, 90~95% R.H. (c) -25°C for 2 hours (d) +40°C for 24 hours, 90~95% R.H. (e) Wait 4 hours before measurement
5	High temperature exposure	(a) Temperature: 70°C (b) Duration: 250 hours (c) Wait 4 hours before measurement
6	Thermal impact	(a) +70°C for 30 minutes ⇒ -25°C for 30 minutes repeated 3 times (b) Wait 4 hours before measurement

The SAW filter shall remain within the electrical specifications after tests.

SAW devices should not be used in any type of fluid such as water, oil, organic solvent, etc.

Be certain not to apply voltage exceeding the rated voltage of components.

Do not operate outside the recommended operating temperature range of components.

Sudden change of temperature shall be avoided, deterioration of the characteristics can occur.

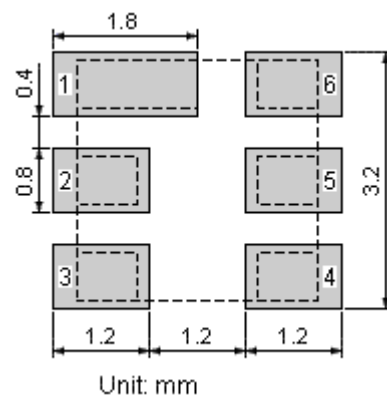
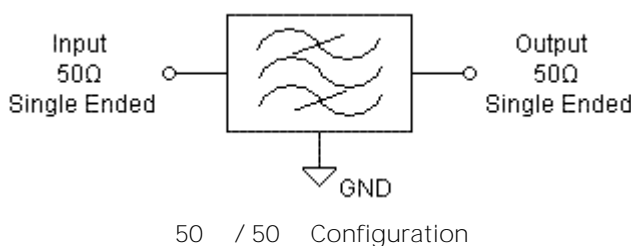
Be careful of soldering temperature and duration of components when soldering.

Do not place soldering iron on the body of components.

Be careful not to subject the terminals or leads of components to excessive force.

SAW devices are electrostatic sensitive. Please avoid static voltage during operation and storage.

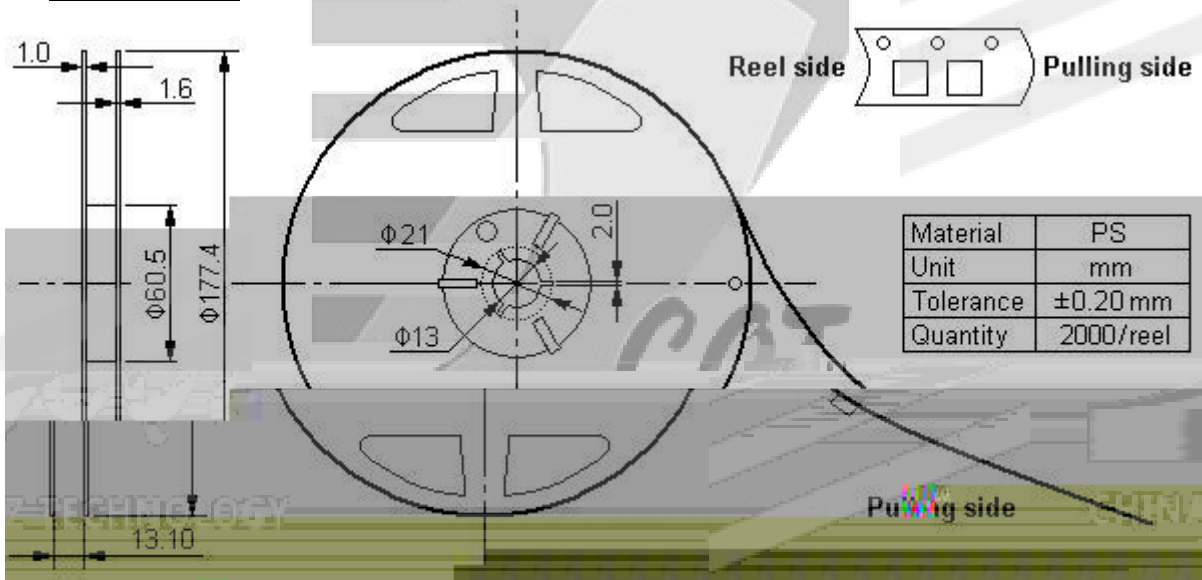
Ultrasonic cleaning shall be avoided. Ultrasonic vibration may cause destruction of components.



Carrier Tape



Reel Dimensions

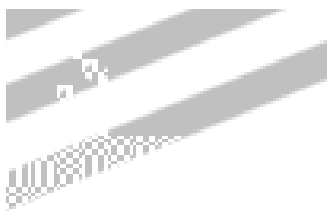
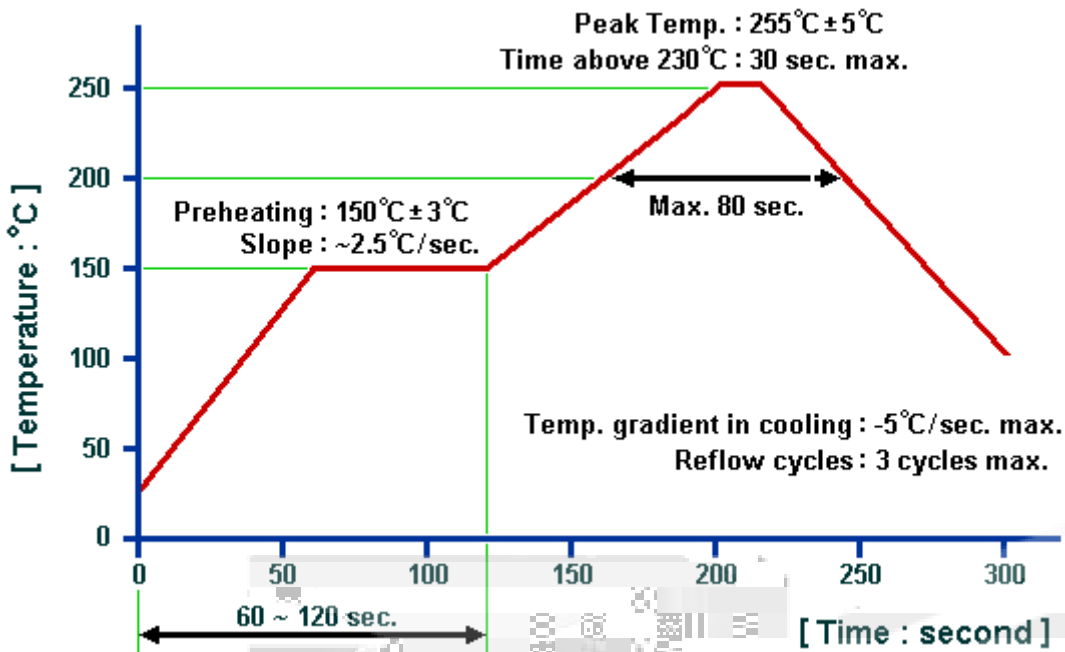


Outer Packing

Carton Box	10000	190×190×95	anti-static plastic bag & carton box	0.85
Carton Box	20000	190×190×190	1 reel / bag 5 bags / box (10000 pcs) 10 bags / box (20000 pcs)	1.70

Unit: mm

Unit: kg



CHINA QUARTZ TECHNOLOGY