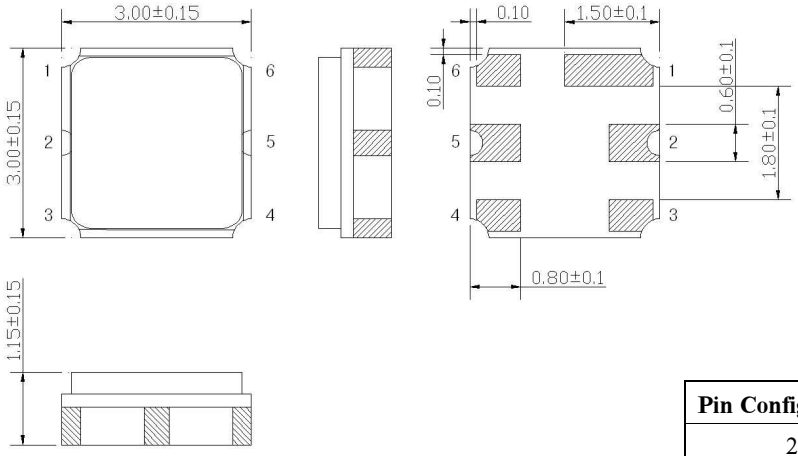
SAW Resonator R43392

Features

- 1-port Resonator
- Quartz Frequency Stabilization
- For transmitters or Local Oscillators

Package Dimension – S3030



Pin Configuration	
2	Input
5	Output
1, 3, 4, 6	Ground

Marking Configuration

ITF[1)]

4339[2)]

1) Manufacturer name

2) Marking Number

* Ink or Laser Marking available

Maximum Ratings

Parameter	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-20	25	85
Storage Temperature Range	°C	-45	-	85
Power Handling Capability	dBm	-	0	-

Electrostatics Sensitive Device (**ESD**)

Electrical Specification

F_R = 433.920MHz

Terminating source impedance : 50Ω and matching network

Terminating load impedance : 50Ω and matching network

		Minimum	Typical	Maximum
Resonance Frequency (F_R)	MHz	433.845	433.920	433.995
Insertion Loss	dB	-	1.5	2.5
50 ohm Loaded Q Unloaded Q			2,000 12,800	
Trun-over Temperature	°C	10	25	40
Temperature Coefficient of Frequency	ppm/°C^2	-	-0.032	-

Notes :

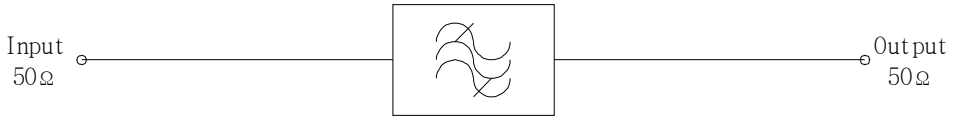
1) All specifications are based on the matching schematic shown below

2) All specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature

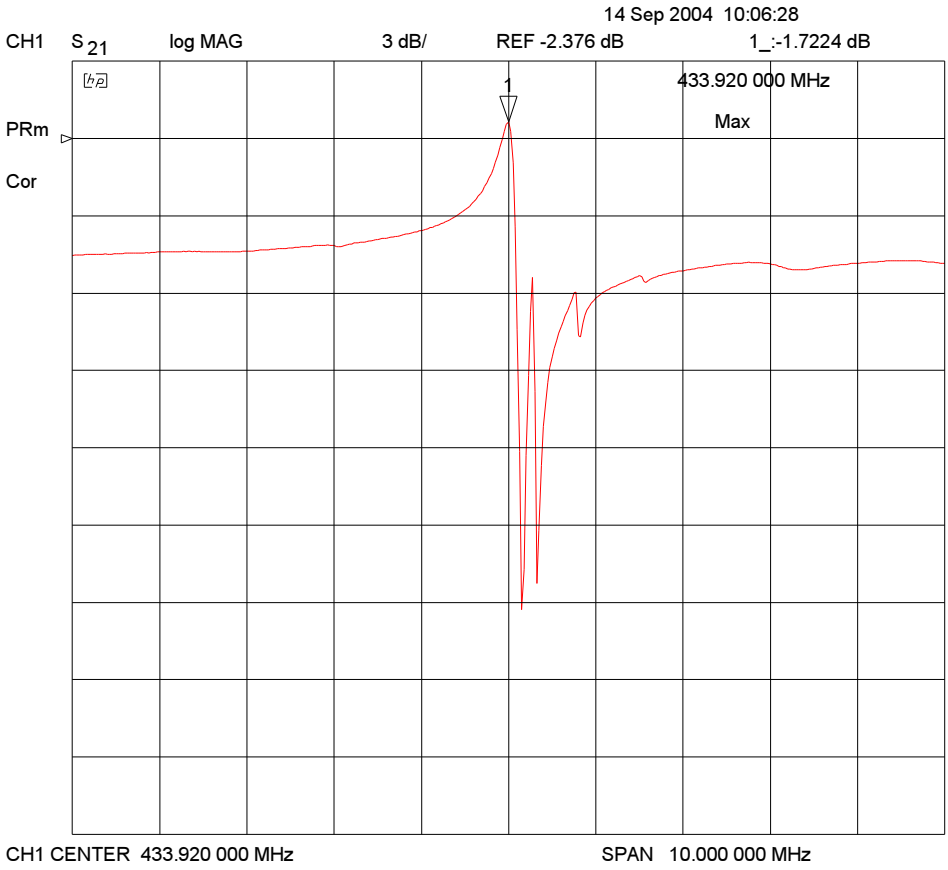
SAW Resonator R43392

Matching Schematic

(Actual matching values may vary due to PCB layout and parasitics)



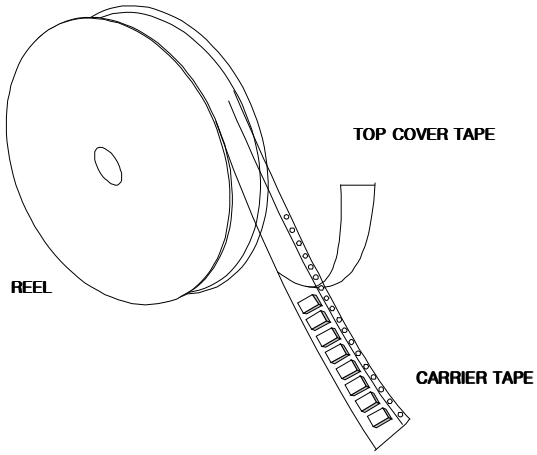
Frequency Response



Packing Specification

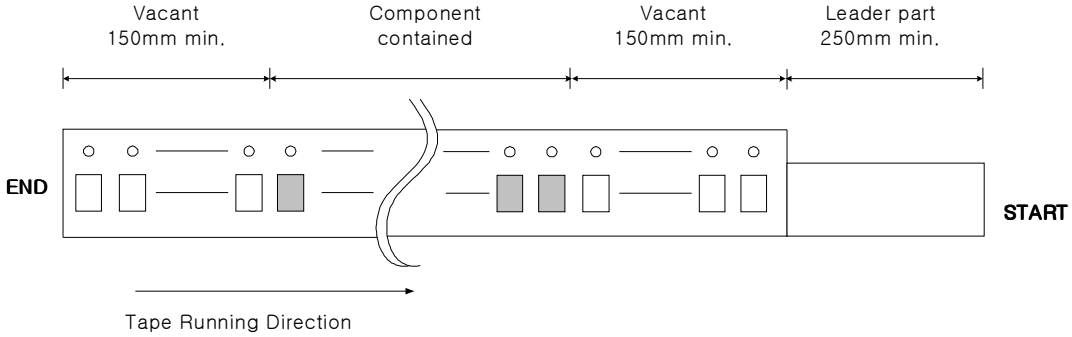
1. Reeling Quantity : 1000 pcs / reel

2. Taping Structure : The tape shall be wound around the reel in the direction shown below.



Tape Specification

1. Leader part and vacant position specification



2. Tensile strength of carrier tape

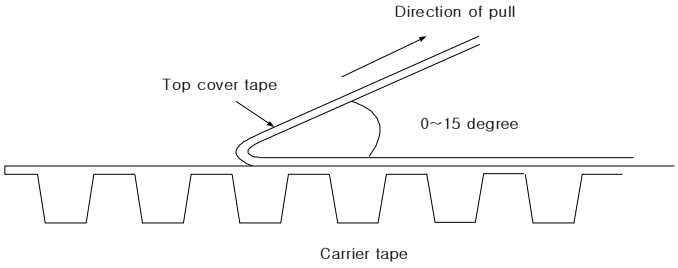
4.4N/mm width

3. Top cover tape adhesion

1) pull off angle : 0~15°

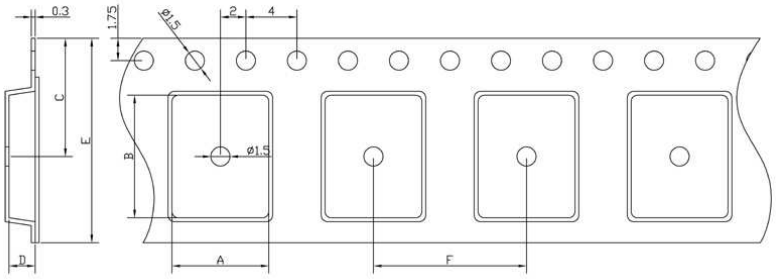
2) speed : 300mm/min

3) force : 20~70g



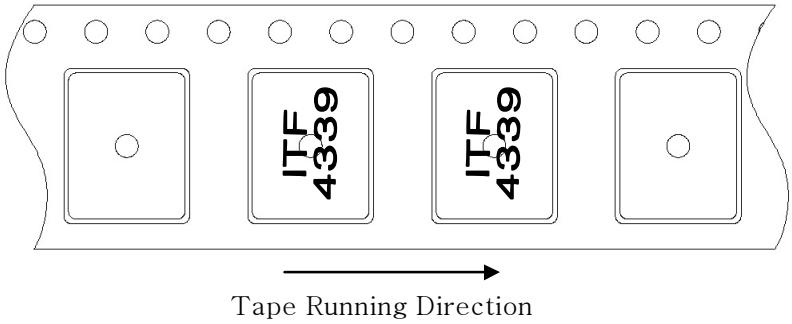
SAW Resonator R43392

Carrier Tape Dimensions [unit : mm]



A	3.3 ± 0.1
B	3.3 ± 0.1
C	7.25 ± 0.1
D	1.25 ± 0.1
E	12.0 ± 0.1
F	4.0 ± 0.1

Part Direction



Reel Dimensions [unit : mm]

