



# ***SAW Components Data Sheet CQTSF338M50.01***

Customer's Approval Certificate	
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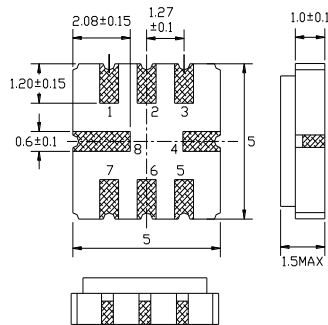
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**1. Package Dimension (5.0x5.0) Unit: mm**



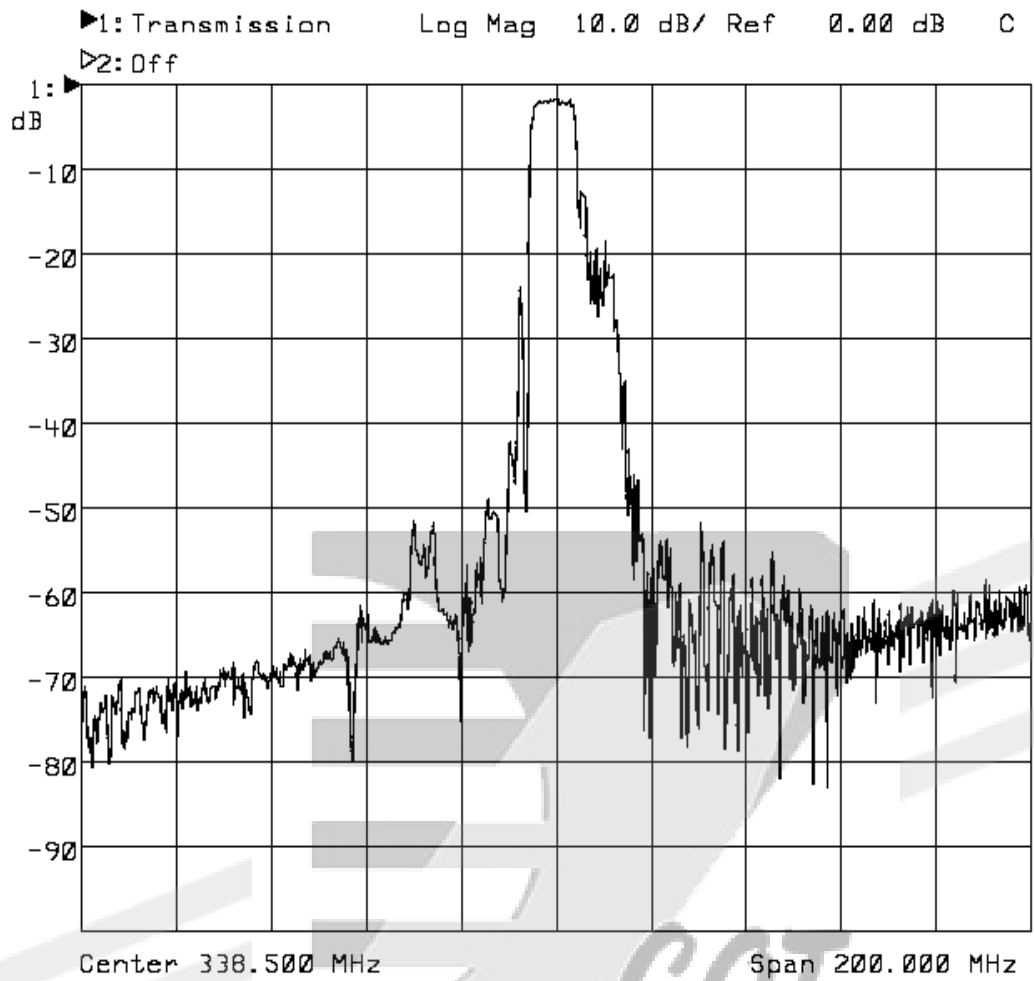
Pin No.	Function
2	Input
6	Output
4,8	Case Ground
other	NC

**2. Electronic Characteristics**

Electrostatic Sensitive Device (ESD)

Item	Specification
Center Frequency (fo)	338.5 MHz
Passband Width	fo±2.0 MHz
Insertion Loss fo±2.0 MHz	3.0 dB max.
Passband Ripple fo±2.0 MHz	1.0 dB max.
Stop Band Attenuation fo-100MHz ~ fo-20MHz fo+20MHz ~ fo+100MHz	45 dB min. 45 dB min.
Terminating Impedance	50Ω / 0pF
Operation Temperature Range	-20°C to + 70°C
Storage Temperature Range	-40°C to + 85°C
DC Permissive Voltage	10V DC max.
Maximum Input Power	10 dBm

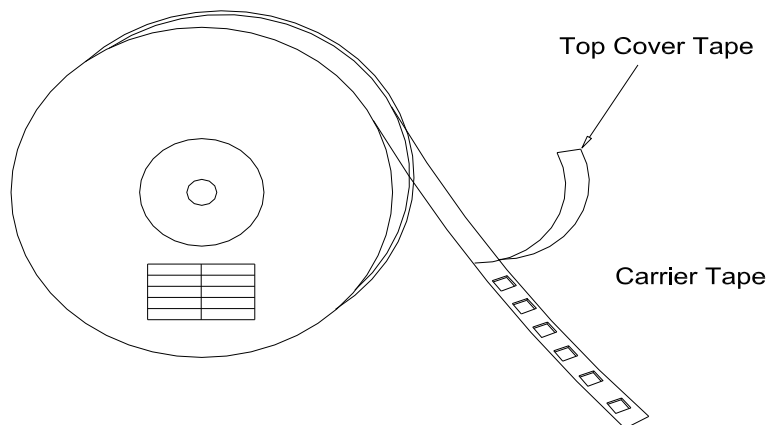
### 3. Frequency Characteristics



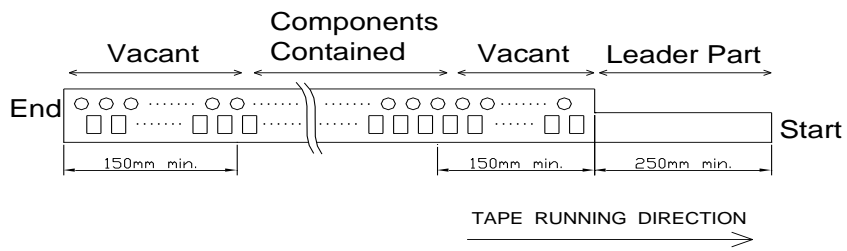
### 4. Packing Information

Reel specifications:

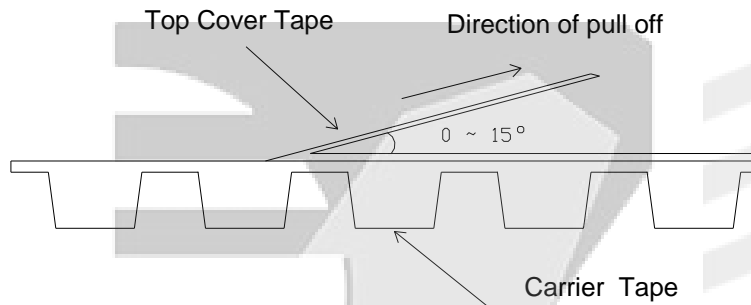
- (1) The tape shall be wound around the reel in the direction shown below.



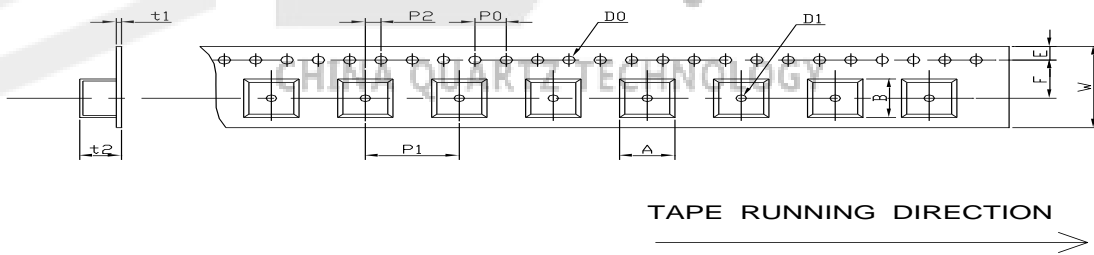
2) Leader part and vacant position specifications.



5. Tape Specifications



[Figure 1] Carrier Tape Dimensions



[Unit: mm]

W	F	E	P0	P1	P2	D0	D1	t1	t2	A	B
12.0	5.5	1.75	4.0	8.0	2.0	$\Phi 1.5$	$\Phi 1.5$	0.31	1.95	4.1	4.1
$\pm 0.3$	$\pm 0.1$	$\pm 0.1$	$\pm 0.2$	$\pm 0.1$	$\pm 0.2$	$\pm 0.1$	$\pm 0.25$	max.	max.	max.	max.