

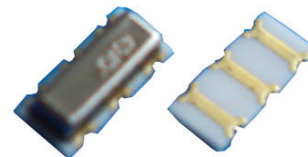
Ceramic Resonators

3213T

Features

◆RoHS Compliant

◆Ceramic SMD type



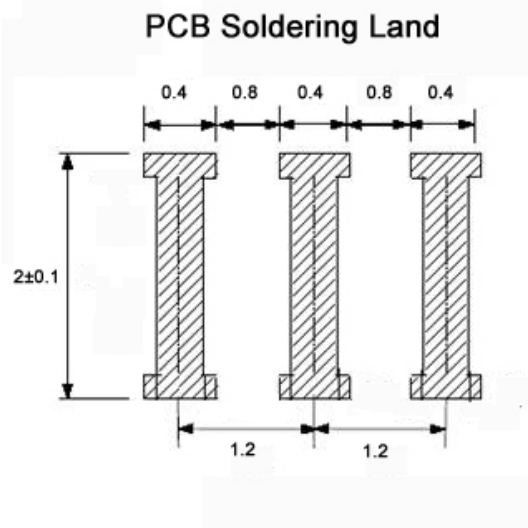
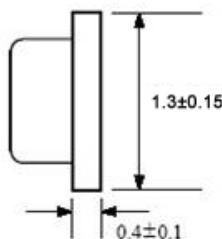
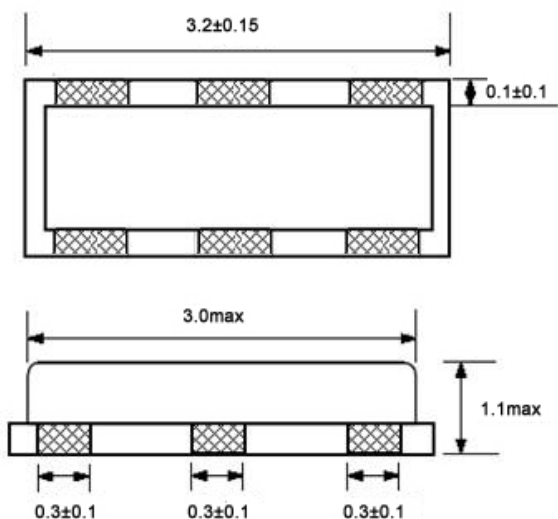
Electrical Specifications

Item	Specifications
Type	3213T
Center Frequency Range	8.0MHz to 19.99MHz
Series Resistance Max.	25Ω
Frequency Stability	±0.5%(Standard) at 25°C±3°C
Stability vs. Temperature	±0.2%
Operating Temperature	-25°C to +85°C typical, -40°C to +125°C available
Storage Temperature	-35°C to +90°C typical, -50°C to +135°C available
Aging Over 10 Years	±0.1% Max.

Ordering Information

C	R	Type	XX.XX	M	Freq. Stability at 25°C	Operating Temp.	Stability Vs.Temp.	Option
C: Ceramic R: Resonator	31T: 3213 T	Center frequency 8.0 to 19.99MHz	M: MHz	3: ±0.3% 5: ±0.5%	C: -25 to +85°C D: -40 to +125°C	2: ±0.2% 5: ±0.5%	F: Lead Free T: T&R Blank: Bulk	
Example: CR31T8.00M5C2T (Ceramic, 3213T, 8.00MHz, built-in capacitors, +/-0.5%, -25 to +85deg. +/-0.2%, T&R)								

Dimensions 3213T (With built-in capacitors)



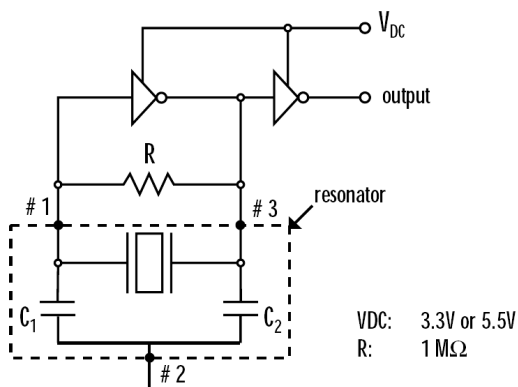
Unit:mm

Ceramic Resonators

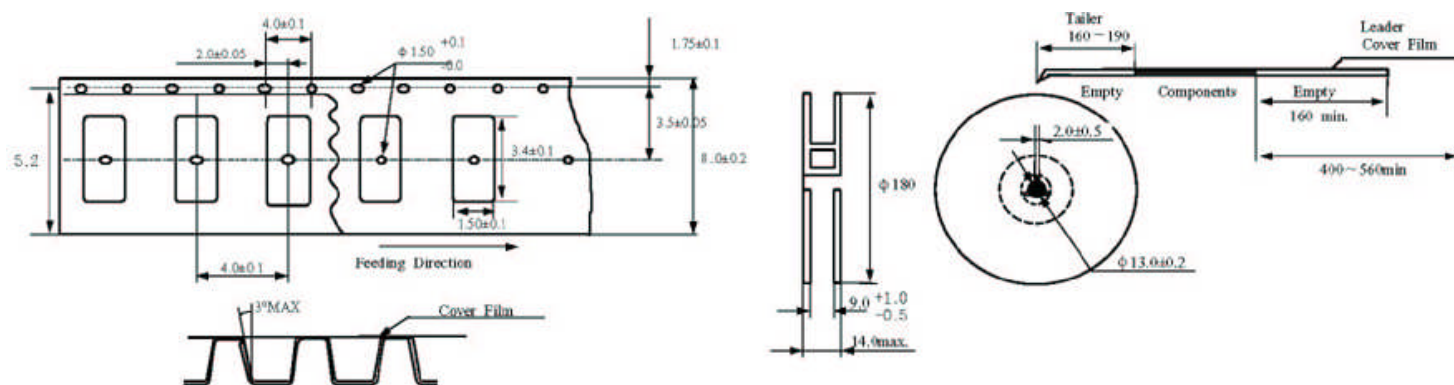
3213T

Test Circuit 3213T

with built-in capacitors



Taping Specification



3000pcs/Reel

Reflow Soldering Profile

