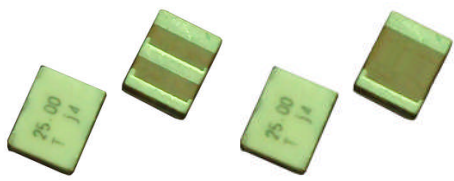


Ceramic Resonators		Features ◆RoHS Compliant ◆Ceramic SMD type	
2520A	2520T		

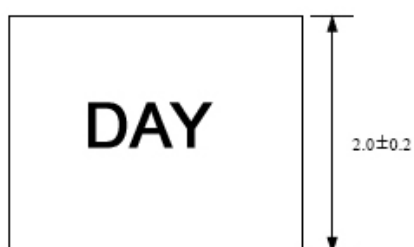
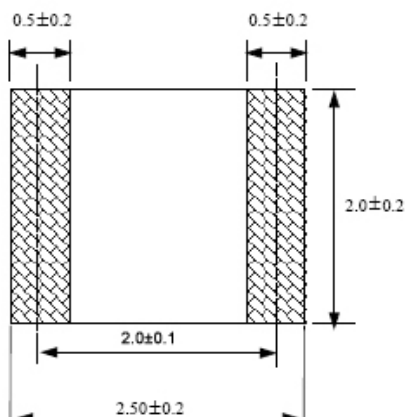
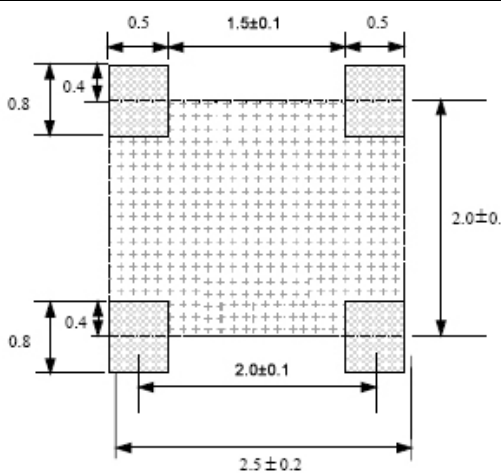
Electrical Specifications

Item	Specifications	
Type	2520A	2520T
Center Frequency Range	12.0MHz to 70.0MHz	
Series Resistance Max.	25Ω	12.0MHz to 14.9MHz
	60Ω	15.0MHz to 29.9MHz
	50Ω	30.0MHz to 70.0MHz
Frequency Stability	±0.5%(Standard) at 25℃±3℃	
Stability vs. Temperature	±0.2%	
Operating Temperature	-25℃ to +85℃ typical, -40℃ to +125℃ available	
Storage Temperature	-35℃ to +90℃ typical, -50℃ to +135℃ available	
Aging Over 10 Years	±0.3% Max.	

Ordering Information

C	R	Type	XX.XX	M	Freq. Stability at 25℃	Operating Temp.	Stability Vs.Temp.	Option
C: Ceramic R: Resonator	22A: 2520A 22T: 2520T	Center frequency 12.0 to 70.0MHz	M: MHz	3: ±0.3% 5: ±0.5%	C:-25 to +85℃ D:-40 to +125℃	2: ±0.2% 4: ±0.4% 5: ±0.5%	F: Lead Free T: T&R Blank: Bulk	
Example: CR22T12.00M5C2T (Ceramic,2520T ,12.00MHz ,built-in capacitors,+/-0.5%,-25 to +85deg. ±0.2%,T&R)								

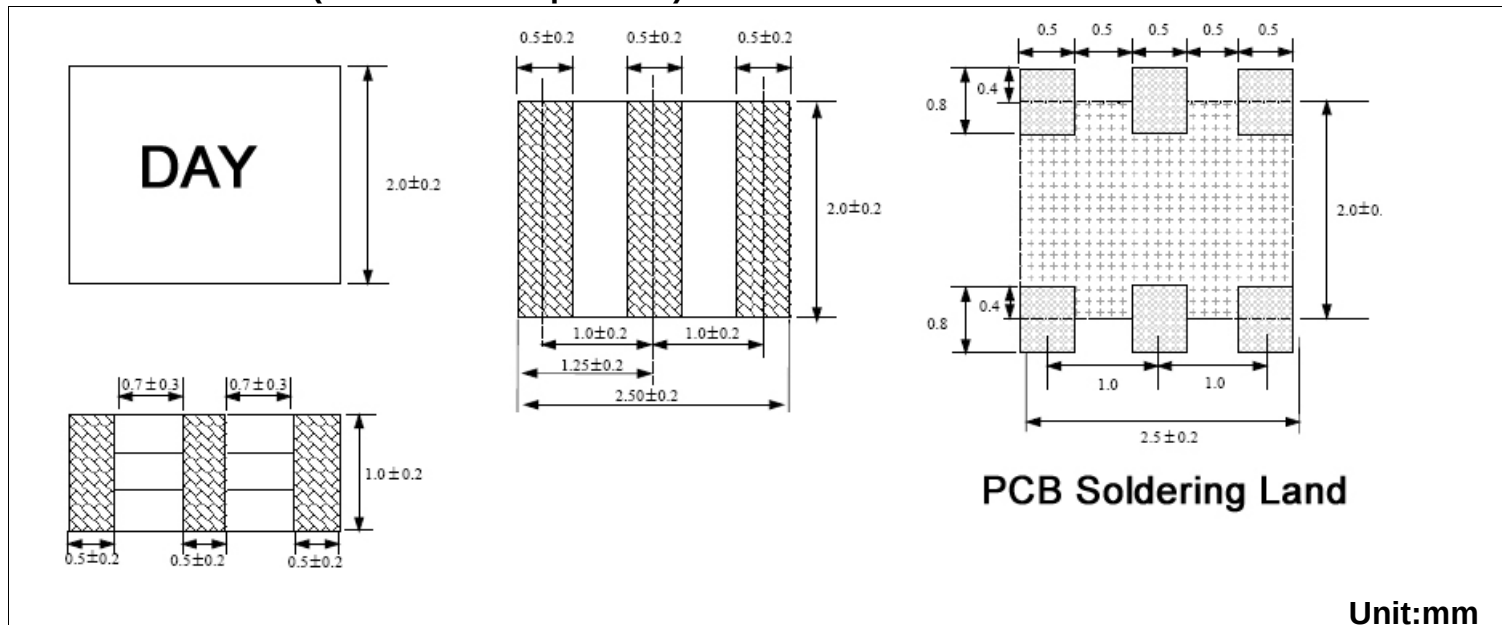
Dimensions 2520A (Without built-in capacitors)

		 PCB Soldering Land
Unit:mm		

Ceramic Resonators

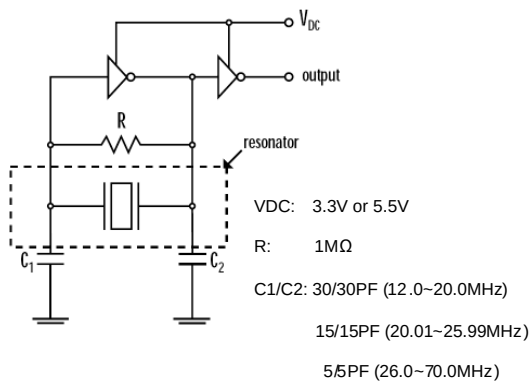
2520A 2520T

Dimensions 2520T (With built-in capacitors)



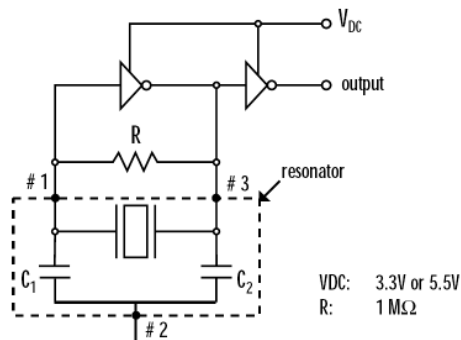
Test Circuit 2520A

without built-in capacitors

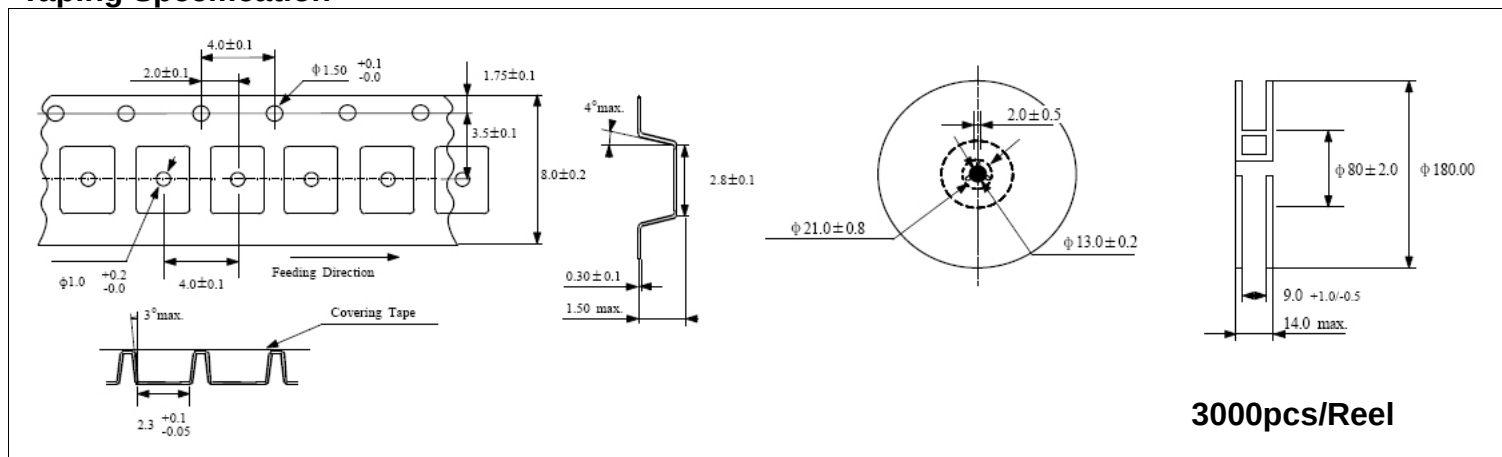


Test Circuit 2520T

with built-in capacitors



Taping Specification



Ceramic Resonators

2520A 2520T

Reflow Soldering Profile

