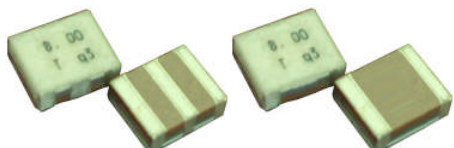


Ceramic Resonators		Features ◆RoHS Compliant ◆Ceramic SMD type	
3731A	3731T		

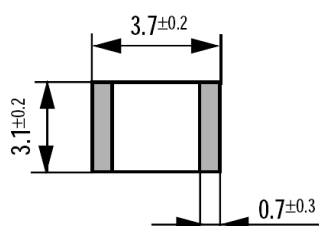
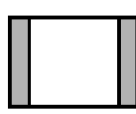
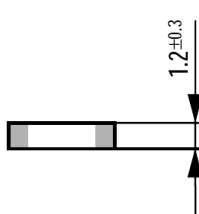
Electrical Specifications

Item	Specifications			
Type	3731A MT	3731A MX	3731T MT	3731T MX
Center Frequency Range	8.0MHz to 13.0MHz	13.01MHz to 70MHz	8.0MHz to 13.0MHz	13.01MHz to 70MHz
Series Resistance Max.	25Ω	40Ω	25Ω	40Ω
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	±0.3% Max.			

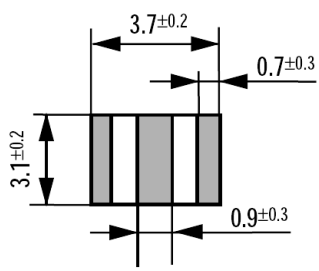
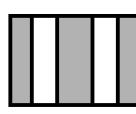
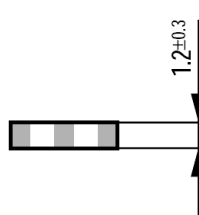
Ordering Information

C	R	Type	XX.XX	M	Freq. Stability at 25°C	Operating Temp.	Stability Vs.Temp.	Option
C: Ceramic R: Resonator		33AT: 3731A MT 33AX: 3731A MX 33TT: 3731T MT 33TX: 3731T MX	Center frequency 8.0 to 70.0MHz	M: MHz	3: ±0.3% 5: ±0.5%	C: -25 to +85°C D: -40 to +125°C	2: ±0.2% 4: ±0.4% 5: ±0.5%	F: Lead Free T: T&R Blank: Bulk
Example: CR33AT12.00M5C4T (Ceramic, 3731A MT, 12.00MHz, built-in capacitors, ±0.5%, -25 to +85deg. ±0.4%, T&R)								

Dimensions 3731A (Without built-in capacitors)

			Unit:mm
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Dimensions 3731T (With built-in capacitors)

			Unit:mm
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