



**SMD TYPE**

**DIMENSIONS(mm)**



SMD	DIMENSIONS(mm)
751	7.0 × 5.0mm
631	6.0 × 3.5mm
531	5.0 × 3.2mm

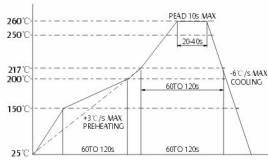
DIMENSIONS SEE PAGE 4

**PARAMETERS**

MODEL	SMD-751	SMD-631	SMD-531K
FREQUENCY			
Freq Range(Fundamental)	8.0 - 100.0 MHz	8.0 - 100.0 MHz	8.0 - 100.0 MHz
Frequency Tolerance	±10 ~ ±30 ppm	±10 ~ ±30 ppm	±10 ~ ±30 ppm
Frequency Stability	±10 ~ ±30 ppm	±10 ~ ±30 ppm	±10 ~ ±30 ppm
Environmental Condition			
Operating Temp range		-20 °C ~ +70 °C	
Storage Temp range		-40 °C ~ +85 °C	
Aging Rate		±1ppm ±2ppm ±3ppm/Year	
Electrical Specifications			
Test Circuit		S&A 250A With Fixture	
Load Capacitance		Series, 6PF 12PF 20PF OR special	
Drive Level		15uW 30uW 100uW 500uW OR SPECIAL	
Equivalent Series Resistance		SEE TABLE 2	
Shunt Capacitance		7.0pFmax	

**SOLDERING REFLOW PROFILE**

**EQUIVALENT SERIES RESISTANCE**



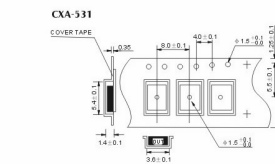
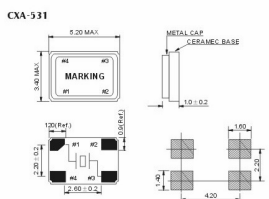
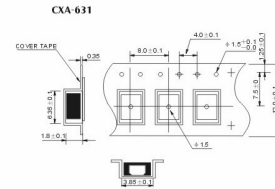
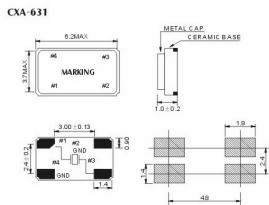
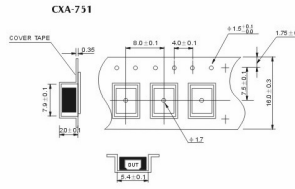
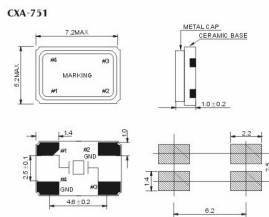
FREQ(MHz)	MODE	CXA-751	CXA-631	CXA-531
10.0 - 22.0	Fund	60 Ω		
22.0 - 40.0	Fund	40 Ω		
40.1 - 100.0	3rd overtone	60 Ω		
13.0 - 25.0	Fund		60 Ω	50 Ω
25.1 - 45.0	Fund		40 Ω	40 Ω
45.1 - 80.0	3rd overtone		80 Ω	
80.1 - 125	3rd overtone		60 Ω	

TABLE 2

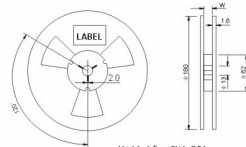


**DIMENSIONS(mm)**

**TAPE SPECIFICATION(mm)**



**REEL PACKING (unit: mm)**



W: 16.4 for CXA-751  
12.2 for CXA-631 & CXA-531