

● FEATURE

- Seam welding
- Excellent solderability
- High frequency stability
- Excellent thermal hysteresis
- Excellent vibration resistance & shock resistance
- RoHS compliance

● SPECIFICATION

MODEL	KXA-751	KXA-631	KXA-531
DIMENSION(mm)	7x5	6x3.5	5x3.2
1.FREQUENCY			
FREQ RANGE(Fundamental)	6.0~40.0 MHz	12.0~52.0 MHz	13.0~52.0 MHz
FREQ RANGE(3rd overtone)	40.1~125.0 MHz	45.0~125.0 MHz	48.0~150 MHz
FREQUENCY TOLERANCE(25°C)	± 10~± 100ppm		± 10~± 30ppm
FREQUENCY STABILITY(Ref to 25°C)	※ see table2		
2.ENVIRONMENTAL CONDITION			
OPERATING TEMP RANGE	-40°C~+85°C by customer requirement		
STORAGE TEMP RANGE	-55°C~+125°C		
AGING	±1ppm , ±2ppm , ±3ppm/Year		
3.ELECTRICAL SPECIFICATIONS			
TEST CIRCUIT	S&A 350A With π Fixture		
LOAD CAPACITANCE	Series, 8pF, 9pF, 12pF, 16pF, 20pF, or special requirement		
DRIVE LEVEL	15 μ W, 30 μ W, 100 μ W, 500 μ W or special requirement		
EQUIVALENT SERIES RESISTANCE	※ see table1		
SHUNT CAPACITANCE	7.0pF Max.		

● EQUIVALENT SERIES RESISTANCE(Ω)

TABLE 1

FREQ(MHz)	MODE	KXA-751	KXA-631	KXA-531
6.00~10.00	Fundamental	110 Ω		
10.01~12.00	Fundamental	60 Ω	80 Ω	
12.01~15.00	Fundamental	50 Ω	60 Ω	70 Ω
15.01~20.00	Fundamental	45 Ω	50 Ω	50 Ω
20.01~30.00	Fundamental	30 Ω	40 Ω	40 Ω
30.01~40.00	Fundamental	20 Ω	30 Ω	30 Ω
40.01~52.00	Fundamental		20 Ω	20 Ω
40.01~52.00	3rd overtone	80 Ω		
52.01~80.00	3rd overtone	70 Ω	80 Ω	100 Ω
80.01~125.0	3rd overtone	60 Ω	70 Ω	80 Ω

● FREQUENCY STABILITY(Ref to 25°C)

TABLE 2

OPERATING TEMP	±10 ppm	±15 ppm	±20 ppm	±30 ppm	±50 ppm
0°C~ 50°C	○	○	○	○	○
-10°C~ 60°C	○	○	○	○	○
-20°C~ 70°C	○	○	○	○	○
-40°C~ 85°C			○	○	○