

1. ELECTRICAL CHARACTERISTICS

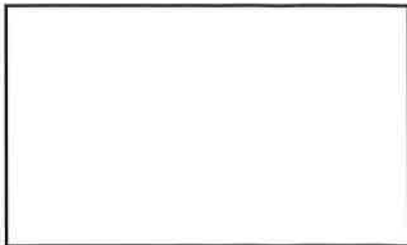
AKER
2018.3.20
DCC

Parameters	Symbol	Electrical Specification				Notes
		Min.	Typ.	Max.	Unit	
Nominal Frequency	FL	20.000000			MHz	AT cut / Fundamental
Frequency Tolerance		-20	~	20	ppm	At 25°C ± 1°C
Frequency Stability		-20	~	20	ppm	Related to 25 °C
Load Capacitance	CL	20			pF	
Operating Temperature Range		-20	~	75	°C	
Storage Temperature Range		-55	~	125	°C	
Drive Level	DL			100	uW	
Effective Series Resistance	ESR			60	Ω	
Drive Level Dependence 0.01/0.05/0.1/0.5/1/5/10/50/ 100/200 uW	DLD2			18	Ω	
	RLD2			60	Ω	
	FDDL			10	ppm	
Shunt Capacitance	C0			3	pF	
Motional Capacitance	C1		N/A		fF	
Ratio Of Capacitance	C0/C1		N/A			
Aging Rate		-3		3	ppm	Year
Insulation Resistance		500			MOhms	At DC 100V

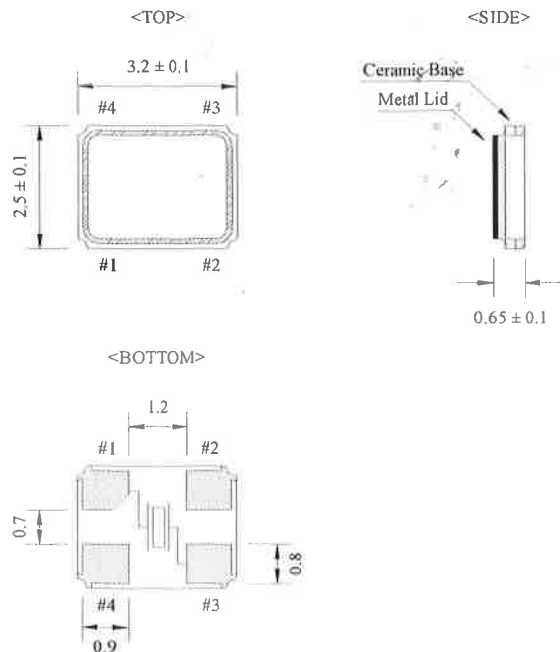
2. PROHIBITION AND RESTRICTION OF HAZARDOUS SUBSTANCES

Meet The Specification Of AKER QC-P16-03 (RoHS compliant and REACH)

3. MARKING (Refer To P/O)



5. DIMENSIONS (Unit:mm)



4. PLATING METHOD OF LID

- Electroless
- Electrolytic