

SPECIFICATION OF QUARTZ CRYSTAL UNITS**1.HOLDER TYPE:****SMD SEAM SEALING X'TAL 3.2*2.5**

13.560000 MHz

2. ELECTRICAL SPECIFICATIONS

Standard atmospheric conditions

Unless otherwise specified, the standard range of atmospheric conditions for making measurement

Ambient temperature : 25±3℃

Relative humidity : 40% ~ 70%

If there is any doubt about the results ,measurement shall be made within the following limits .

Ambient temperature : 25±3℃

Relative humidity : 40% ~ 70%

Electrical characteristics measured by S&A250B or equivalent .

The crystal is using AT CUT (thickness shear mode).

3.ELECTRICAL CHARACTERISTICS

	Parameters	SYM	Electrical Spec				Notes
			MIN	TYP	MAX	UNITS	
1	Nominal Frequency	FL	13.560000				MHz
2	Oscillation mode	-	Fundamental				-
3	Load Capacitance	CL	20				pF
4	Frequency Tolerance	-	±10				ppm at 25±3℃
5	Operating Temperature	-	-40	~	85	℃	
6	Temperature drift (TC)	-	±20				ppm -40℃~85℃
7	Equivalent Resistance R _r	R _r	-	-	40	Ω	
8	Drive Level	DL	-	100	-	uW	
9	Shunt Capacitance C ₀	C ₀	-	-	5.00	pF	
10	Insulation Resistance	-	500	-	-	MΩ	at DC 100V
11	Aging	-	±3				ppm Year
12	Storage Temperature Range	-	-55	~	125	℃	

