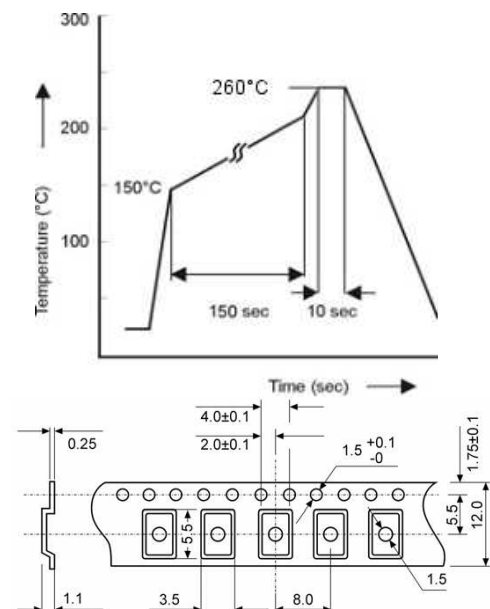
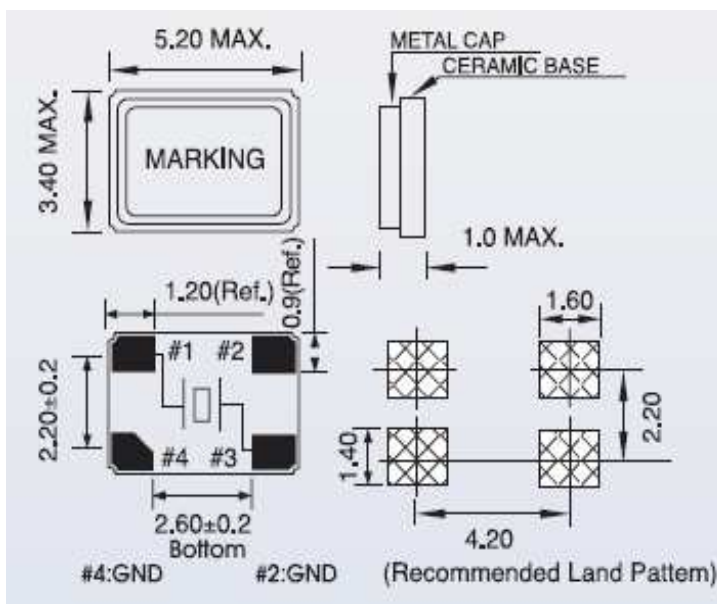


IC 14

Quartz Crystal Unit

Dimensions l/w/h in mm (max)	5,2 x 3,4 x 1,0	
Frequency	8,0 MHz to 250,0 MHz	
Operating Temperature	Refer to Ordering Guidance	
Frequency Tolerance at 25°C	Refer to Ordering Guidance	
Frequency Stability in Operating Temp. Range	Refer to Ordering Guidance	
Storage Temperature	-55°C to +125°C	
Load Capacitance (CL)	12 pF/ 16 pF/ 18 pF/ 20 pF/ 30 pF/ 32 pF or series	
Shunt Capacitance (C0)	5,0 pF max.	
Series Resonance (R1)	10,000 MHz ~ 12,0 MHz	100 Ohm
	12,001 MHz ~ 16,0 MHz	80 Ohm
	16,001 MHz ~ 25,0 MHz	60 Ohm
	25,001 MHz ~ 50,0 MHz	40 Ohm
	50,001 MHz ~ 125,0 MHz	80 Ohm (3 rd OT)
	125,001 MHz ~ 250,0 MHz	80 Ohm (5 th OT)
Drive Level μ W max.	50 max.	
Aging (df/F) first year at 25°C	± 2 ppm	



Ordering Guidance

IC - Quartz																				
QS-Digits:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
QS- Eingabe/Enter:	I	C	1	3	0	3	2	,	7	6	8	M	1	2	,	5	A	B	1	B
Bezeichnung/Indic.:	Gruppe		Grösse		Frequ./FRQ/Fliesskomma							Hz	Load/CL/uF			Fto	Fst	OM	TR	
IC-Applications: Portable instruments Industrial products Battery powered prod.	IC Quartz		Size code + pkg. code 1-13 = 3K/RL, ab 14 = 1K/RL									H/K/M/G				F.tol. at 25° in ppm	F.stab. In Operating Temp. Range	Oscillation Mode	oper. Temp. in °C	
	A	10	A	10																
	B	15	B	15																
	C	20	C	20																
	D	25	D	25																
	E	30	E	30																
	F	50	F	50																
G	100	G	100																	
		H	-0,034																	
		I	-0,042																	
											1 Fund 3 3rd OT 5 5th OT									
																	A 0°C to +70°C B -20°C to +70°C C -10°C to +60°C D -10°C to +70°C E -40°C to +85°C F -45°C to +125°C G best			