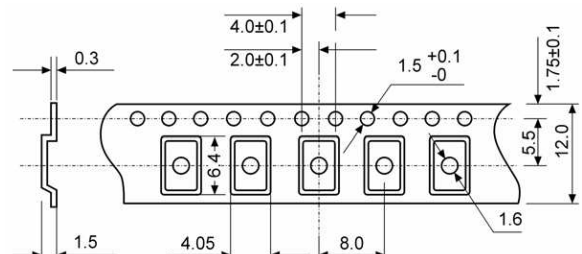
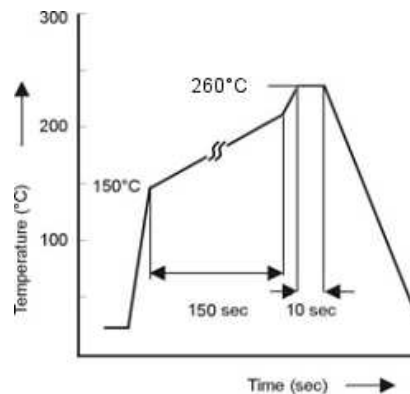
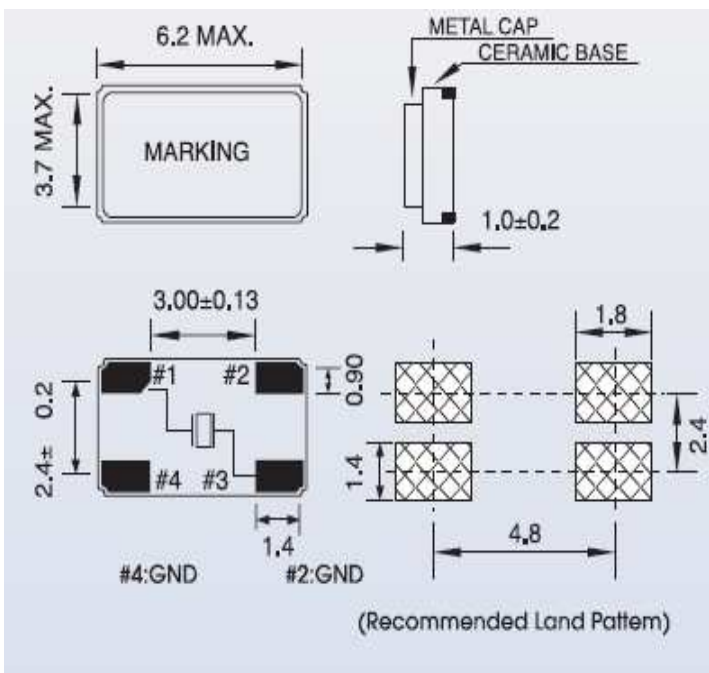


IC 16

Quartz Crystal Unit

Dimensions l/w/h in mm (max)	6,2 x 3,7 x 1,2	
Frequency	8,0 MHz to 150,0 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)	16 pF/ 18 pF/ 20 pF/ 30 pF/ 32 pF or series	
Shunt Capacitance (C0)	5,0 pF max.	
Series Resonance (R1)	8,000 MHz ~ 12,0 MHz	80 Ohm
	12,001 MHz ~ 80,0 MHz	50 Ohm
	80,001 MHz ~ 150,0 MHz	100 Ohm (3 rd OT)
Drive Level μ W max.	100 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 + packg. 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																																				
												<table border="1"> <tr><td>1</td><td>Fund</td></tr> <tr><td>3</td><td>3rd OT</td></tr> <tr><td>5</td><td>5th OT</td></tr> </table>			1	Fund	3	3rd OT	5	5th OT				<table border="1"> <tr><td>A</td><td>0°C to +70°C</td></tr> <tr><td>B</td><td>-20°C to +70°C</td></tr> <tr><td>C</td><td>-10°C to +60°C</td></tr> <tr><td>D</td><td>-10°C to +70°C</td></tr> <tr><td>E</td><td>-40°C to +85°C</td></tr> <tr><td>F</td><td>-45°C to +125°C</td></tr> <tr><td>G</td><td>best</td></tr> </table>			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
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