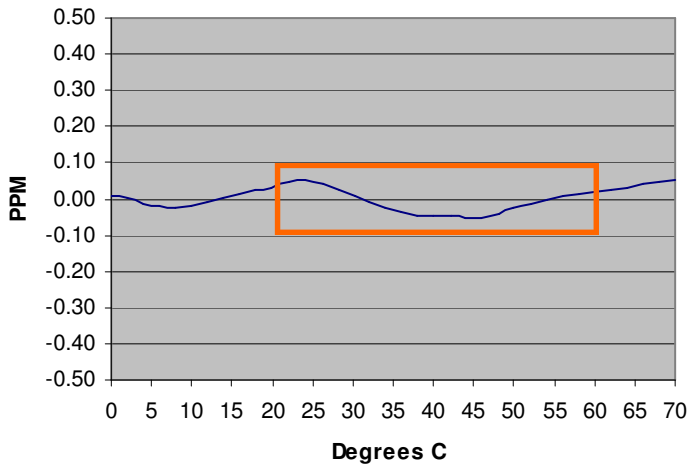


3.2 x 5 mm Ceramic LCC package

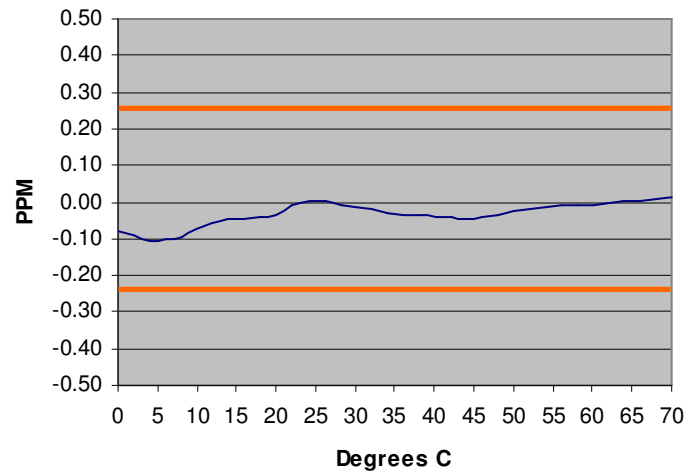
Item	Min	Typ	Max	Unit	Condition
Frequency Stability	-0.25	0	0.25	ppm	Vcontrol 1.50 volts 0°C to +70°C
	-0.1	0	0.1		Vcontrol 1.50 volts +20°C to +60 °C (Reference to midpoint min/max frequency)
Holdover	-0.1	0	+0.1		Over any 5 °C range between 0 and 70°C for 24 hrs Max.
Frequency Calibration	-1.0	0	+1.0	ppm	Vcontrol 1.50 volts and Temperature 25°C
Frequency Slope	-50	0	+50	ppb/°C	Minimum 1 frequency reading every 2°C
Frequency Stability vs Supply	-0.2	0	+0.2	ppm	Load: 10K ohm // 10 pF & Vcc ± 5%
Output Waveform	Clipped Sinewave			DC Coupled	
Output Level	0.8		1.2	V p-p	Load: 10K ohm ± 10% // 10 pF ± 10%
Phase Noise	10 Hz	-	-88	-	dBc/Hz
	100 Hz	-	-115	-	
	1 KHz	-	-136	-	
	10 KHz	-	-148	-	
Supply Current I_{CC}	-	-	2.5	mA	
Aging	-1.0	-	+1.0	ppm	for first year at +25°C total for 10 years at +25°C
	-5.0	-	+5.0		
Frequency Shift after reflow	-1.0	-	+1.0	ppm	measured at 25°C 120 min after reflow
Frequency Pullability	-8.0	-	+8.0	ppm	at Vcontrol 1.50volts ±1.0volt
Operating Temperature Range ¹	-30	-	+85	°C	
Supply Voltage	2.7	3.3	3.5		
Storage Temperature Range	-40	-	+85	°C	

STABILITY

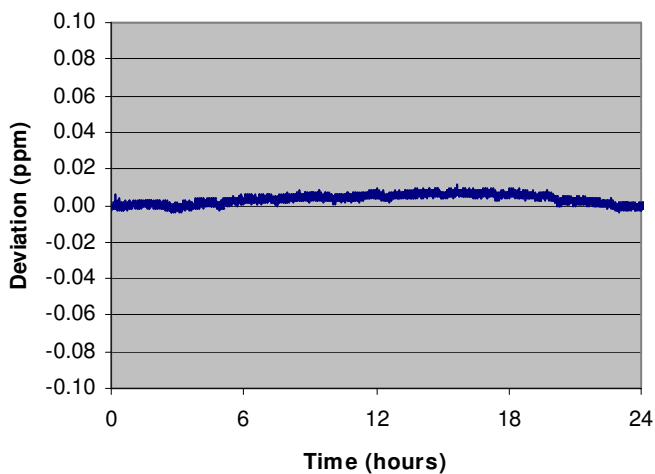
± .1 PPM over +20 to +60°C



± .25 PPM over 0 to +70°C



SHORT TERM AGING



PHASE NOISE

