

Voltage Control Crystal Oscillator, 40MHz, 5dBm Output, 5 volts RVCXO-40M-5d-5V-k

code-k

Specifications:	
Frequency Range	40MHz
Power Performance	
Input Voltage	+5V/30mA(Max)
Electrical Frequency Adjust	
Electrical Frequency Control Voltage	0.5 ~ 4.5V
Electrical Frequency Control Voltage/ Frequency Range	±30ppm(Max) (Positive Slop)
Input Impedance	10kohm
Phase Noise @ Offset	10Hz : -88dBc 100Hz : -118dBc 1kHz : -138dBc 10kHz : -148dBc
Frequency vs. Temperature Performance	
-40°C ~ +85°C	±20ppm
Output Performance	
Output	+5dBm (50Ohm) Sine wave
Harmonics	-25dBc(Max)
Spurious	-90dBc
Aging Performance	Long term : ± 2ppm/Year Short term(After turn on) : ± 1ppm / day
Vibration	(Note1)
Dimensions	19mm x 12mm x 6mm (DIP Package)

(Note1)

Vibration Condition

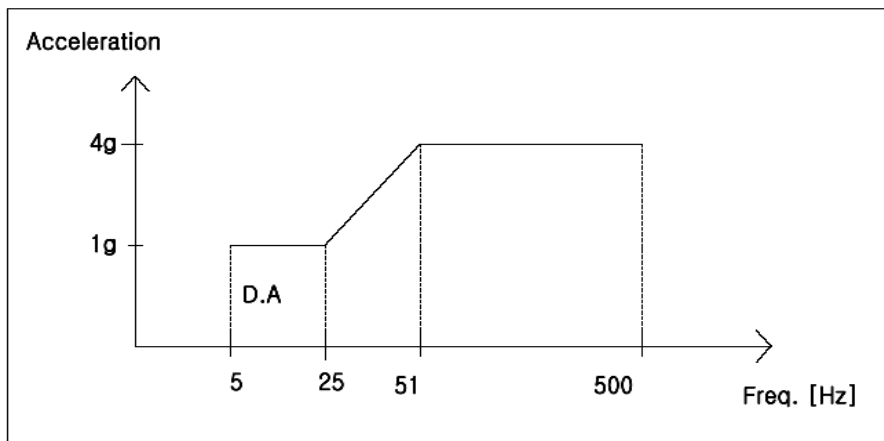
Vibration	Direction	Frequency	Acceleration	Apply Sinusoidal Vibration of 5 ~ 500Hz in the table, According to the 3 orthogonal axes. Vibration Should be applied for 12 cycle and each cycle (5 ~ 500Hz in the below profile) to be maintained for 15min. (D.A : Displacement Amplitude)
	Lat.	5 ~ 25	±1g	
		25~36	0.762mm D.A	
		36~500	±2g	
	Vert.	5 ~ 25	±1g	
		25~51	0.762mm D.A	
		51~500	42g	
	Long.	5~25	±1g	
		25~36	0.762mm D.A	
		36~500	±2g	

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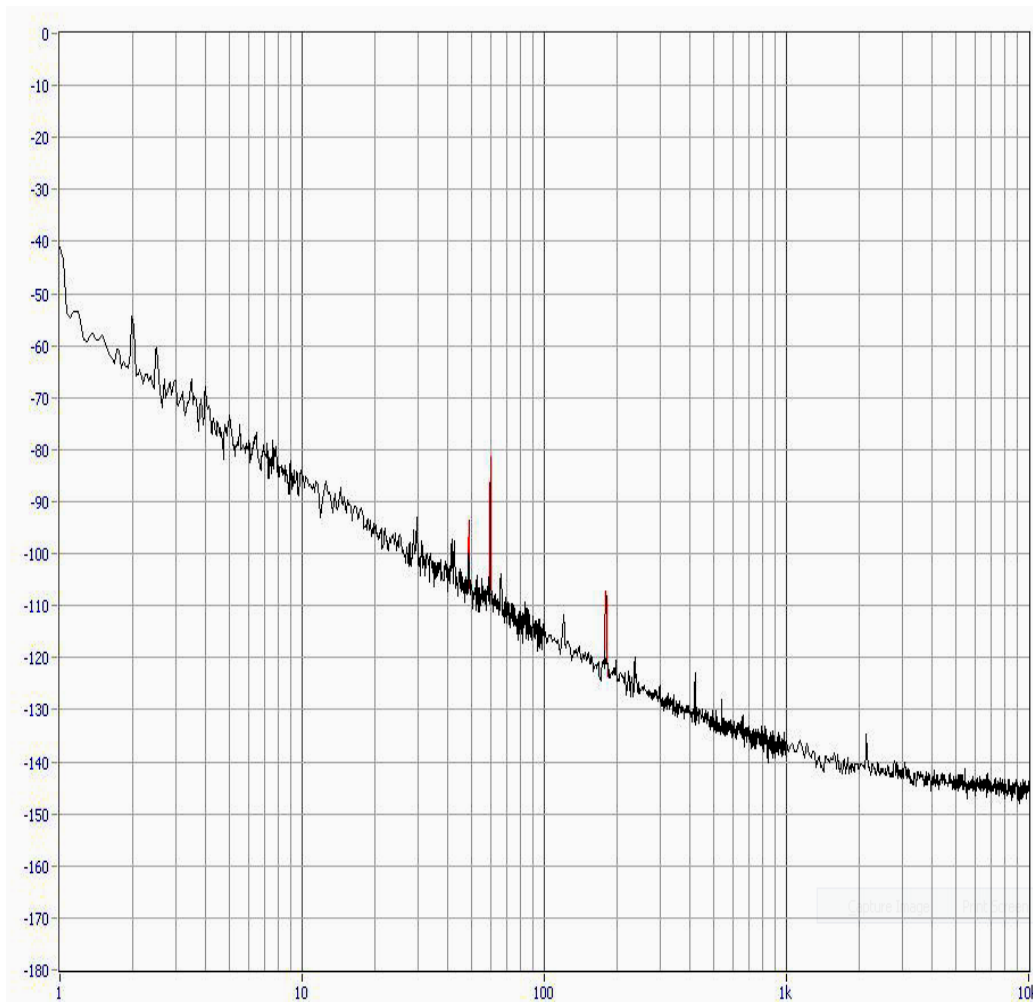
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Vibration Profile All Axes



Phase Lot



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Specifications may be subject to change

05/16/07

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