



Crystal Oscillator Specifications

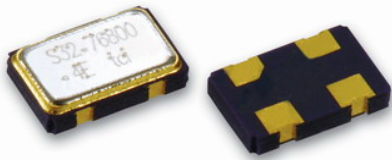
Unit Name	Crystal Oscillator
Part Name	OSC-O53BY
Date	November 8, 2005

Written by	Checked by	Approved by



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Description:

Automatic mounting with ultra miniature leadless package. Guaranteed operating range between 3.3 to 5v power supply voltage 1.8v, 2.5v option.

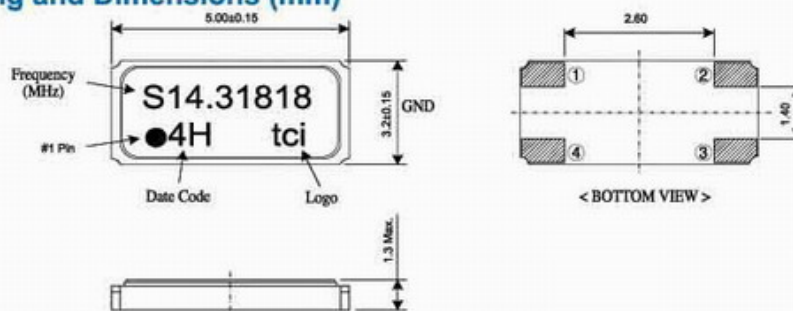
Character:

High electromagnetic susceptibility and high reliability is assured due to seam sealing. Built-in C-MOS IC with tri-state function.

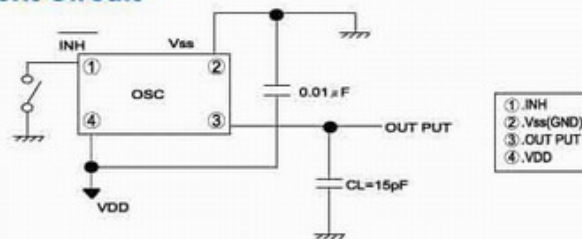
Specifications

Frequency range(MHz)	1.0~37MHz	33~50MHz	50~70MHz	70~133MHz
Frequency stability	±25.±50.±100.			
Operating temperature	-20°C~70°C, or specify.			
Storage temperature	-55°C~125°C			
Supply Voltage(VDD)	3.3V 5.0V	3.3V 5.0V	3.3V 5.0V	3.3V 5.0V
Input Current(ICC)	12mA 20mA	25mA 45mA	35mA 50mA	60mA 100mA
Output Load Capacitance	15pF(Standard)			
Rise & Fall Times	10ns Max.			
Symmetry	40%~60%		45%~55%	
Aging (at 25°)	3ppm/year Maximum			

Marking and Dimensions (mm)



Measurement Circuit



TOP CRYS