



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# CS-034 3.2x2.5mm Crystal Resonator



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## Description:

The Connor-Winfield model CS-034 is fundamental, AT-cut, 40MHz quartz crystal resonator in a 3.2x2.5mm surface mount package. The CS-034 is designed to be used as a reference crystal in synthesizer applications.

## Features:

**Model: CS-034**  
40.0 MHz  
Frequency Stability: +/-50 ppm  
Temperature Range: -40 to 85°C  
Surface Mount Package  
Tape and Reel Packaging  
RoHS Compliant / Lead Free

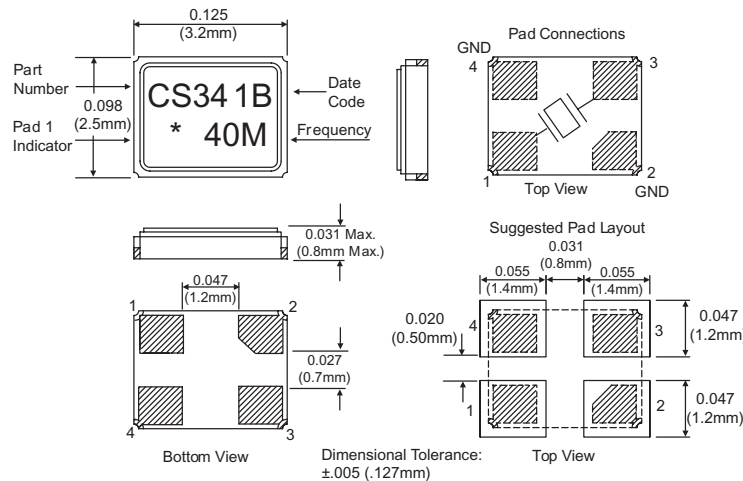
## Electrical Specifications

Parameter	Minimum	Nominal	Maximum	Units	Notes
Output Frequency	-	40.0	-	MHz	
Operation Mode	Fundamental				
Cut	AT Cut				
Frequency Calibration (@25 ±3°C)	-30	-	30	ppm	
Frequency Stability vs. Temp	-50	-	50	ppm	
Operating Temperature Range:	-40	-	85	°C	
Load Capacitance: (CL)	-	10	-	pF	
Equivalent Series Resistance:	-	-	25	Ohms	
Drive Level	-	-	100	uW	
Insulation Resistance	500	-	-	Mohm	@ 100 Vdc
Aging	-	-	±3	ppm/Year	

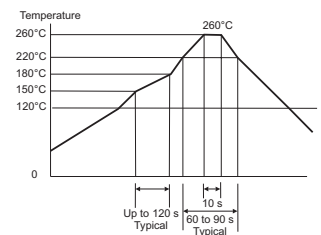
## Package Characteristics

Package	Hermetically sealed ceramic 3.2x2.5mm SMD Package.				
Storage Temperature:	-55	-	125	°C	
Ordering Information:	CS-034-040.0M				

## Package Outline

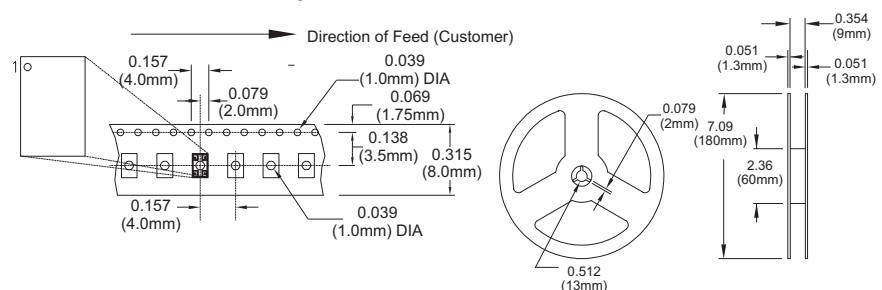


## Solder Profile



Dimensional Tolerance:  
±.005 (.127mm)

## Tape and Reel Information



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Revision **01**  
Date **03 Aug 2015**