

# SURFACE MOUNT CRYSTAL OSCILLATOR SPECIFICATION

## General Information

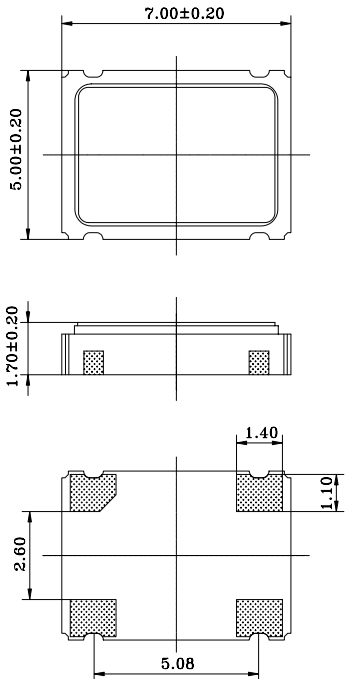
Product Type: 3.3V SMD OSC  
 Package Type: **EZCO3**  
 Part No.: Freq.-Series-EZT & datecode

## Electrical Specifications

Frequency: 1.000~156.250MHz  
 Calibration Frequency Tolerance:  $\pm 25\text{ppm}$ ,  $\pm 50\text{ppm}$  @ 25°C  
 Frequency Stability over Temp.:  $\pm 25\text{ppm}$ ,  $\pm 50\text{ppm}$ ,  $\pm 100\text{ppm}$   
 Operating Temperature: 0~+70°C, -40~+85°C(option)  
 Storage Temperature: -55°C ~ +125°C  
 Supply Voltage: +3.3Vdc  $\pm 10\%$   
 Supply Current: 16mA max(1.000~29.999MHz)  
 25mA max(30.000~69.999MHz)  
 50mA max(70.000MHz~ )  
 Symmetry (Duty Cycle): 50 $\pm 10\%$   
 Output "O" Level: 0.4Vdc max (TTL), 0.4 Vdc max (HCMOS)  
 Output "1" Level: 2.4 Vdc min (TTL), 2.7 Vdc min (HCMOS)  
 Rise & Fall Time: 10nS max @ 0 to 3.3Vdc  
 Linearity:  $\pm 10\%$  max  
 Output Load: 30pF HCMOS  
 Aging:  $\pm 5.0\text{ppm}$  per year

## Package Dimensions

L x W x H  
 7.0 x 5.0 x 1.8mm



## Marking

Line 1	Frequency	40.000
Line 2	Series	EZCO3
Line 3	EZT & datecode	EZT 401

Pin	Function
1	NC or E/D
2	GND
3	Output
4	Vdd

## EZTeck

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<b>DWG. No.: EZCO3-04</b>		<b>REV.:</b>
<b>DATE:</b>	<b>BY: Richard Lee</b>	
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