

## SURFACE MOUNT CRYSTAL OSCILLATOR SPECIFICATION

### General Information

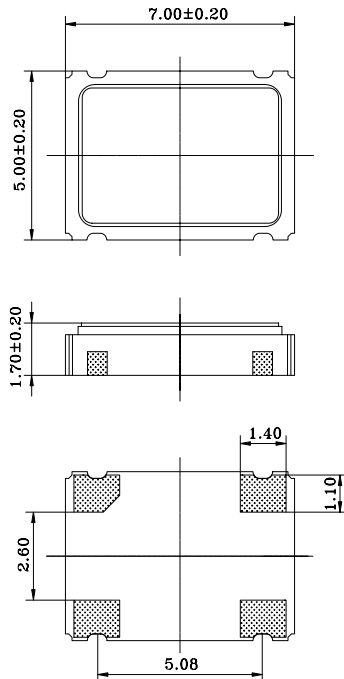
Product Type: 5.0V SMD OSC  
 Package Type: EZCO5

### 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: +5.0Vdc  $\pm 10\%$   
 Supply Current: 20mA max(1.000~29.999MHz)  
 40mA max(30.000~69.999MHz)  
 60mA max(70.000MHz~ )  
 Symmetry (Duty Cycle): 50 $\pm 10\%$   
 Output "0" Level: 0.4Vdc max (TTL), 0.5 Vdc max (HCMOS)  
 Output "1" Level: 2.4 Vdc min (TTL), 4.5 Vdc min (HCMOS)  
 Rise & Fall Time: 10nS max @ 0.5 to 5.0Vdc  
 Linearity:  $\pm 10\%$  max  
 Output Load: 10 TTL/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  
 Line 2 Series

50.000
EZCO5

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



DWG. No.: EZCO5-04

REV.:

DATE:

BY:

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APPROVAL: