

SURFACE MOUNT CRYSTAL OSCILLATOR SPECIFICATION

General Information

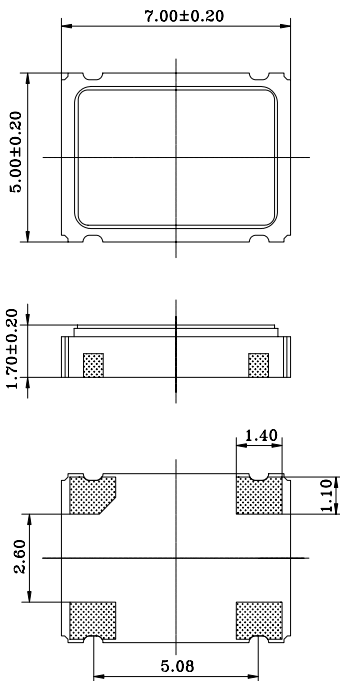
Product Type: 5.0V SMD OSC
 Package Type: **EZCO5**
 Part No.: Freq.-Series-EZT & datecode

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: +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 "O" 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
 Line 3 EZT & datecode

50.000
EZCO5
EZT 401

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

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DWG. No.: EZCO5-04	REV.:
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