

VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SPECIFICATION

General Information

Product Type: 3.3V SMD VCXO
Pacakge Type: **EZVC3S3**
Part No.: Frep.-Series-EZT & datecode

Electrical Specifications

Frequency: 1.000~77.760MHz
Frequency Stability over Temp.: $\pm 25\text{ppm}$, $\pm 50\text{ppm}$, $\pm 100\text{ppm}$
Operating Temperature: $0\sim+70^{\circ}\text{C}$, $-40\sim+85^{\circ}\text{C}$ (option)
Storage Temperature: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Supply Voltage(Vdd): $+3.3\text{Vdc} \pm 10\%$
Supply Current: 30mA max
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
Pullability: $\pm 50\text{ppm}$, $\pm 75\text{ppm}$, $\pm 100\text{ppm}$, $\pm 150\text{ppm}$
Control Voltage: $1.65\text{V} \pm 1.65\text{V}$, or $1.65\text{V} \pm 1.35\text{V}$
Aging: $\pm 5.0\text{ppm}$ per year

Package Dimensions

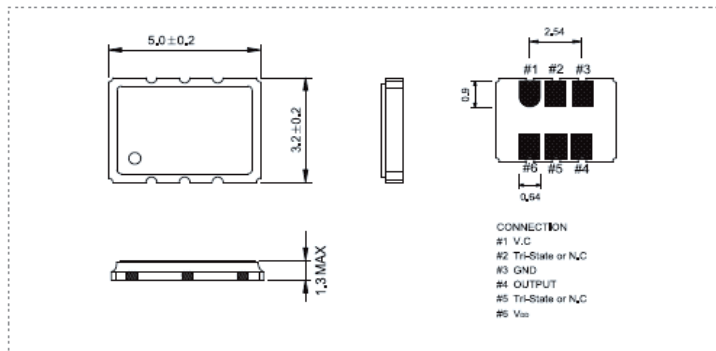
W x L x H
3.2 x 5.0 x 1.3mm

Marking

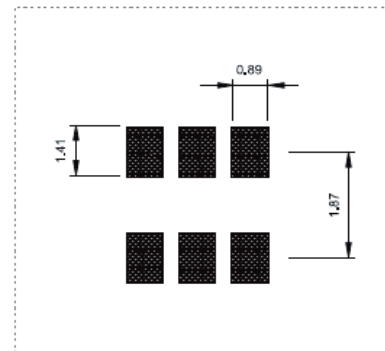
Line 1 Frequency
Line 2 Series

40.000
EZVC3S3

MECHANICAL DIMENSIONS (mm)



LAND PATTERN (mm)



EZTeck

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DWG. No.: EZVC3S3-2012

REV.:

DATE:

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APPROVAL: