

SURFACE MOUNT CRYSTAL OSCILLATOR SPECIFICATION

General Information

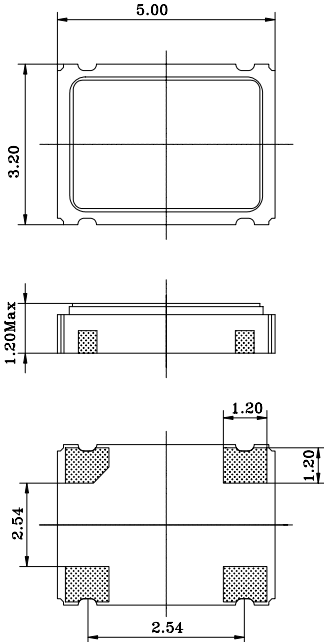
Product Type: 3.3V SMD OSC
 Package Type: **EZOC3S3**
 Part No.: EZOC3S3-Frequency

Electrical Specifications

Frequency: 1.000~160.000MHz
 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: $+3.3\text{Vdc} \pm 10\%$
 Supply Current: 25mA max(1.000~60.000MHz)
 40mA max(60.000~99.999MHz)
 50mA max(100.000~160.000MHz)
 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: 15~50pF
 Aging: $\pm 3.0\text{ppm}$ per year

Package Dimensions

W x L x H
 3.2 x 5.0 x 1.5mm



Marking

Line 1 Frequency
 Line 2 Series

40.000M
EZOC3S3

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

EZTeck

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DWG. No.: EZSOC3S3-2011

REV.:

DATE:

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APPROVAL: