

SURFACE MOUNT CRYSTAL OSCILLATOR SPECIFICATION

General Information

Product Type: 3.3V SMD OSC
 Package Type: **EZOC3S2**

Electrical Specifications

Frequency: 1.000~60.000MHz
 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: 10mA max
 Symmetry (Duty Cycle): $50\pm 10\%$
 Output "O" Level: 10% Vdd max
 Output "1" Level: 90% Vdd min
 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

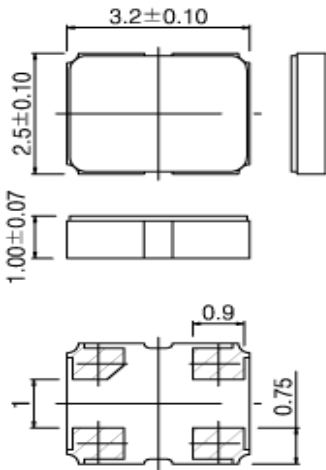
Package Dimensions

W x L x H
 2.5 x 3.2 x 1.2mm

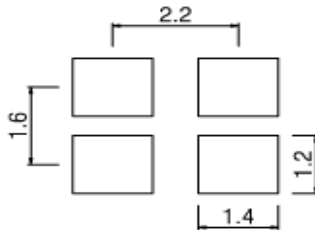
Marking

Line 1 Frequency 40.000M

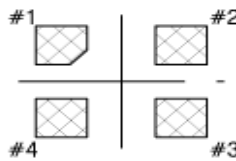
DS-3 Type (in mm) SMD



Reference Land Pattern



Internal Connections



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

SCHMID-M

DWG. No.: EZOC3S2-2012

REV.:

DATE:

BY:

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APPROVAL: