

VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SPECIFICATION

General Information

Product Type: 3.3V SMD VCXO
 Package Type: **EZVC3S**

Electrical Specifications

Frequency: 1.000~79.000MHz
 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(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

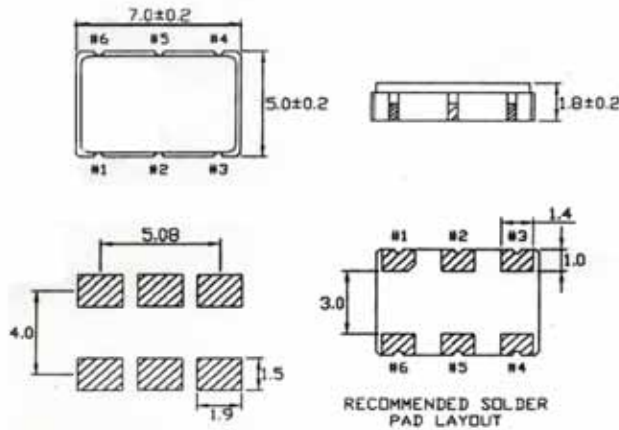
Package Dimensions

W x L x H
 5.0 x 7.0 x 1.8mm

Marking

Line 1 Frequency
 Line 2 Series

40.000
EZVC3S



PIN FUNCTION
 1 Vcont
 2 TRI-STATE
 3 GND
 4 OUTPUT
 5 NC
 6 Vdd

Pin	Function
1	Vcon
2	NC
3	GND
4	OUTPUT
5	NC
6	Vdd

SCHMID-M

DWG. No.: EZVC3S-2012

REV.:

DATE:

BY:

PAGE: 1 of 1

APPROVAL: