

VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SPECIFICATION

General Information

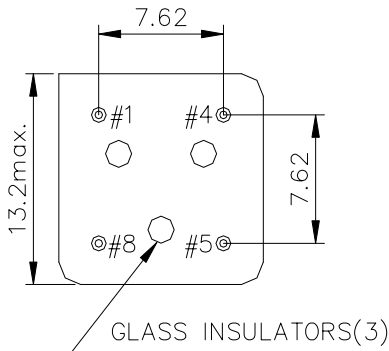
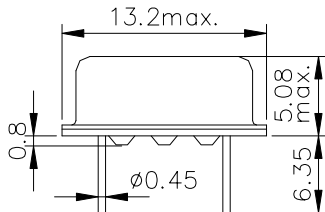
Product Type: 3.3V VCXO(8PIN DIP)
 Package Type: **EZVH3**
 Part No.: Freq.-Series-EZT & datecode

Electrical Specifications

Frequency: 20kHz to 125.000MHz
 Calibration Frequency Tolerance: $\pm 20\text{ppm} \sim \pm 50\text{ppm}$ @ 25°C
 Frequency Stability over Temp.: $\pm 20\text{ppm}$, $\pm 25\text{ppm}$, $\pm 50\text{ppm}$
 Operating Temperature: 0~+70°C, -40~+85°C(option)
 Storage Temperature: -55°C ~ +125°C
 Supply Voltage(Vdd) +3.3Vdc $\pm 0.3\text{Vdc}$
 Supply Current: 30mA max@500kHz to 23.9MHz
 50mA max@24.0~70.0MHz
 Symmetry (Duty Cycle): 40/60% Std., 45/55% Available
 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 < 5nS typical
 Linearity: $\pm 20\%$ max Std., $\pm 10\%$ Available
 Output Load: 10TTL/15pF HCMOS
 Pullability: ± 50 to $\pm 100\text{ppm}$ typical
 Control Voltage: 1.65V $\pm 1.65\text{V}$
 Aging: $\pm 3.0\text{ppm}$ per year

Package Dimensions

L x W x H
 13.20 x 13.20 x 5.08mm



Marking

Line 1 Frequency
 Line 2 Series
 Line 3 EZT & datecode

18.000
EZVH3
EZT 401

Pin	Function
1	Vcon
2	GND
3	OUTPUT
4	Vdd

EZTeck	
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DWG. No.: EZVH3-04	REV.:
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PAGE: 1 of 1	APPROVAL: