

VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SPECIFICATION

General Information

Product Type: 5.0V VCXO(8PIN DIP)
Package Type: **EZVH5**

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): +5.0Vdc $\pm 0.5\text{Vdc}$
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), 0.5 Vdc max (HCMOS)
Output "1" Level: 2.4 Vdc min (TTL), 4.5 Vdc min (HCMOS)
Rise & Fall Time: 10nS max < 5nS typical
Linearity: $\pm 20\%$ max Std., $\pm 10\%$ Available
Output Load: 10TTL/15pF HCMOS
Pullability: ± 100 to $\pm 150\text{ppm}$ typical
Control Voltage: 2.5V $\pm 2.0\text{V}$
Aging: $\pm 3.0\text{ppm}$ per year

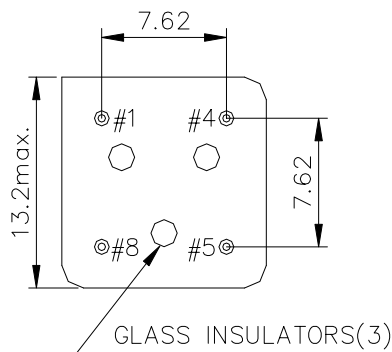
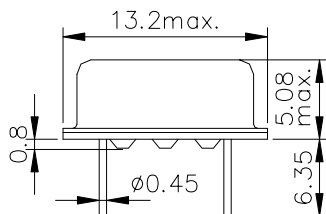
Package Dimensions

L x W x H
13.20 x 13.20 x 5.08mm

Marking

Line 1 Frequency
Line 2 Series

18.000
EZVH5



Pin	Function
1	Vcon
2	GND
3	OUTPUT
4	Vdd

SCHMID-M

DWG. No.: EZVH5-04

REV.:

DATE:

BY:

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APPROVAL: