

## VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SPECIFICATION

### General Information

Product Type: 3.3V VCXO(8PIN DIP)  
 Package Type: **EZVH3**

### Electrical Specifications

Frequency:	20kHz to 125.000MHz
Calibration Frequency Tolerance:	±20ppm~ ±50ppm @ 25°C
Frequency Stability over Temp.:	±20ppm, ±25ppm, ±50ppm
Operating Temperature:	0~+70°C, -40~+85°C(option)
Storage Temperature:	-55°C ~ +125°C
Supply Voltage(Vdd)	+3.3Vdc ±0.3Vdc
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:	±20% max Std., ±10% Available
Output Load:	10TTL/15pF HCMOS
Pullability:	±50 to ±100ppm typical
Control Voltage:	1.65V±1.65V
Aging:	± 3.0ppm per year

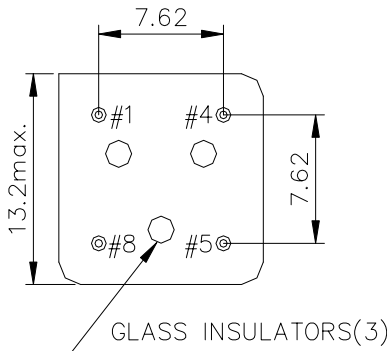
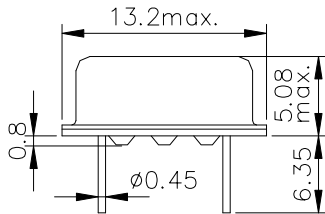
### Package Dimensions

L x W x H  
 13.20 x 13.20 x 5.08mm

### Marking

Line 1 Frequency  
 Line 2 Series

18.000
EZVH3



Pin	Function
1	Vcon
2	GND
3	OUTPUT
4	Vdd

# SCHMID-M

DWG. No.: EZVH3-04

REV.:

DATE:

BY:

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APPROVAL: