

## THROUGH HOLE CLOCK OSCILLATOR SPECIFICATION

### General Information

Product Type: 3.3V OSC(8PIN DIP)  
 Package Type: EZOH3

### Electrical Specifications

Frequency: 20kHz to 200.000MHz  
 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: 20~30mA max@20kHz to 34.999MHz  
 40~60mA max@35.0~200.000MHz  
 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  
 Output Load: 15pF or 10 LS TTL Standard  
 Start time: 10mS Max < 5mS typical  
 Aging:  $\pm 5.0\text{ppm}$  per year

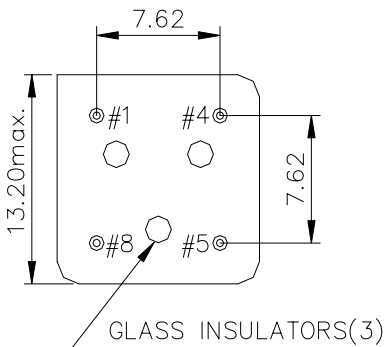
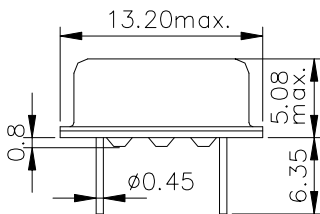
### Package Dimensions

L x W x H  
 13.20 x 13.20 x 5.08mm

### Marking

Line 1 Frequency  
 Line 2 Series

18.000
EZOH3



Pin	Function
1	NC, Tri-State
2	GND
3	OUTPUT
4	Vdd

# SCHMID-M

DWG. No.: EZOH3-04

REV.:

DATE:

BY:

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APPROVAL: