

THROUGH HOLE CLOCK OSCILLATOR SPECIFICATION

General Information

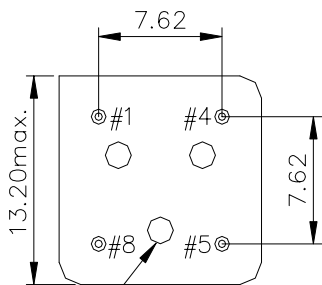
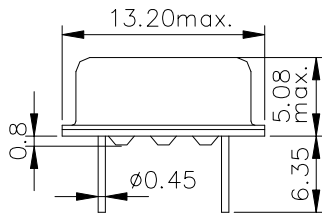
Product Type: 5.0V OSC(8PIN DIP)
 Package Type: **EZO5**
 Part No.: Freq.-Series-EZT & datecode

Electrical Specifications

Frequency: 20kHz to 160.000MHz
 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: 20~30mA max@20kHz to 34.999MHz
 40~60mA max@35.0~160.000MHz
 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), 4.5Vdc 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



GLASS INSULATORS(3)

Marking

Line 1 Frequency
 Line 2 Series
 Line 3 EZT & datecode

18.000
EZO5
EZT 401

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

EZTeck

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DWG. No.: EZO5-04

REV.:

DATE:

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APPROVAL: