

THROUGH HOLE CLOCK OSCILLATOR SPECIFICATION

General Information

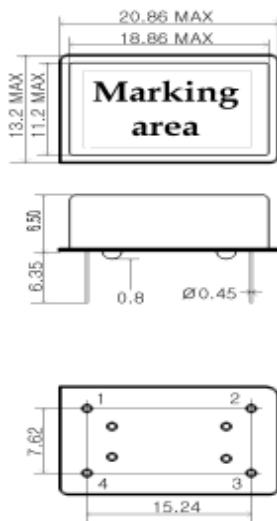
Product Type: 3.3V OSC(14PIN DIP)
 Package Type: **EZOF3**
 Part No.: Freq.-Series-EZT & datecode

Electrical Specifications

Frequency: 20KHz~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
 20.8 x 13.2 x 7.6mm



Marking

Line 1 Frequency
 Line 2 Series
 Line 3 EZT & datecode

| |
|---------|
| 74.250 |
| EZOF3 |
| EZT 401 |

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

EZTeck

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DWG. No.: EZOF3-04

REV.:

DATE:

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PAGE: 1 of 1

APPROVAL: