XOSM-533

Vishay Dale



The XOSM-533 series is an ultra miniature package clock

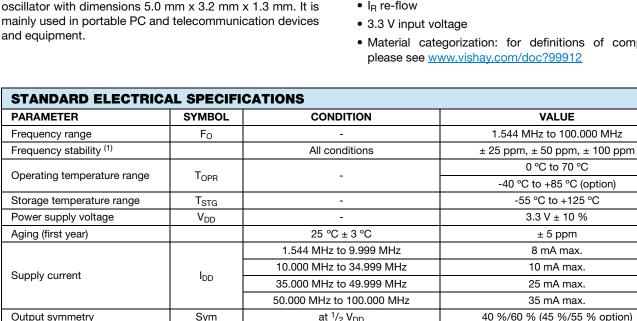
Surface Mount Oscillator

FEATURES

- Size: 5.0 x 3.2 x 1.3 (mm)
- Miniature package
- Tri-state enable/disable
- HCMOS compatible
- Tape and reel
- I_B re-flow
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

| Pb-free |
|---------|
| |

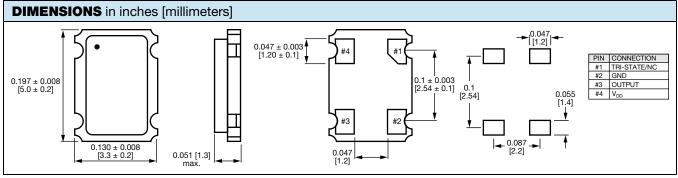
HALOGEN FREE



35 mA max. 40 %/60 % (45 %/55 % option) Output symmetry Sym at $1/_2 V_{DD}$ Rise time tr 10 % V_{DD} to 90 % V_{DD} 7 ns max. Fall time 90 % V_{DD} to 10 % V_{DD} 7 ns max. t_f VOH 90 % V_{DD} min. Output voltage VOL _ 10 % V_{DD} max. Output load HCMOS load 30 pF max. (15 pF typ.) _ Start-up time 10 ms max. ts _ Pin 1 = H or open (output active at pin 3) Pin 1, tri-state function _

Note

(1) Include: 25 °C tolerance, operating temperature range, input voltage change, aging, load change, shock vibration



Note

A 0.01 μF bypass capacitor should be placed between V_{DD} (pin 4) and GND (pin 2) to minimize power supply line noise

Revision: 16-Aug-2018

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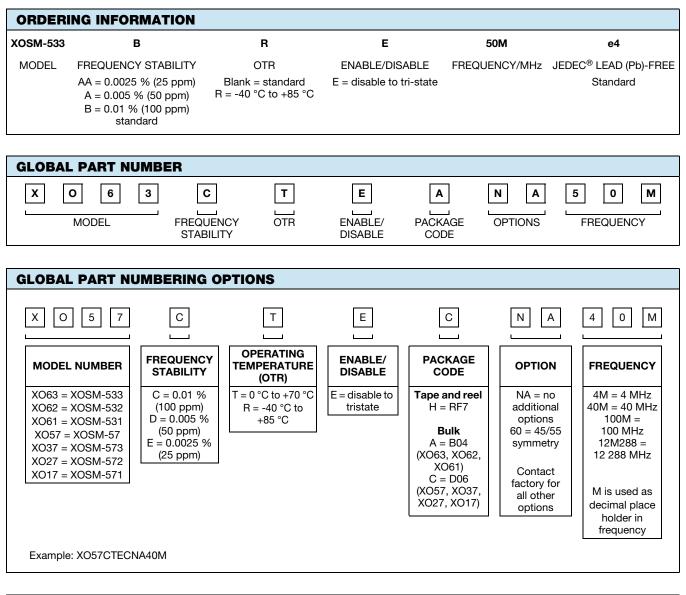
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Pin 1 = L (high impedance at pin 3)

www.vishay.com

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| PART MARKING | |
|--------------|----------------------------|
| Line 1: | M2807XXXXX (part number) |
| Line 2: | XX.XXXXM (frequency) |
| Line 3: | yywwvv (date/factory code) |

Document Number: 35060

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