

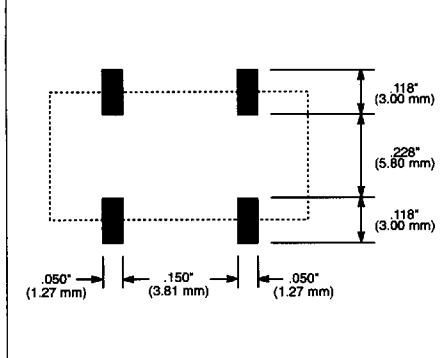
VF315H Series HCMOS Miniature Surface Mount Hybrid Crystal Clock Oscillators

Valpey-Fisher's VF315H series hybrid crystal clock oscillators are true surface mount devices in a molded plastic miniature package. They combine proven circuit design with the latest packaging techniques to accommodate both automated assembly techniques and minimum use of board space. In addition, they are available on tape and reel.

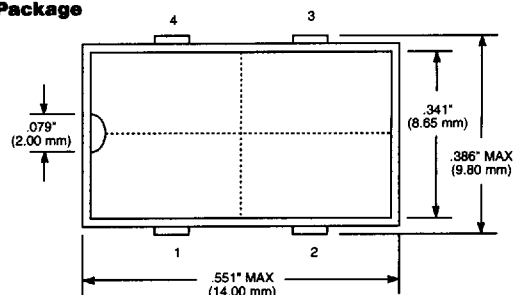
Specifications

Frequency Range	30.0 MHz to 55.0 MHz
Output: Symmetry	60/40 to 40/60% @ 1/2 V_{DD} level
Rise & Fall Times	7ns max.
Output voltage	V_{OH} 0.37V min. V_{OL} 0.37V max.
Frequency Stability -10°C to +70°C -40°C to +85°C	.01% (100 ppm) .02% (200 ppm)
Input Voltage	5.0 VDC $\pm$ 10%
Temperature Range Operating Storage	-40°C to +85°C -55°C to +125°C
Soldering Condition	Under 260°C within 10 sec., 2X or less Under 230°C within 3 min.
Electrical Connections	Pin #1 NC Pin #3 Out Pin #2 GND Pin #4 V_{DD}

Recommended Solder Pad Layout

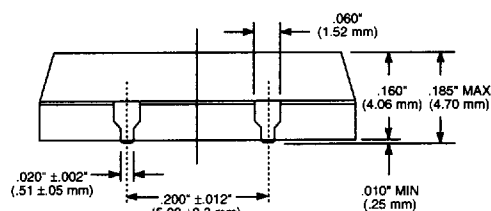


Package



Pin Connections

#1 E/D or N.C. #3 Output
#2 GND #4 +5 VDC



Pocket Tape & Reel Specifications

