

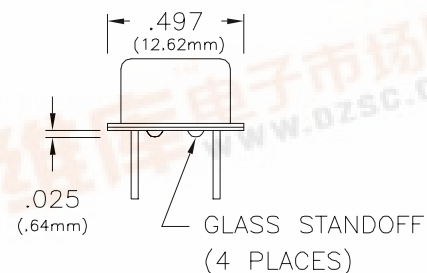
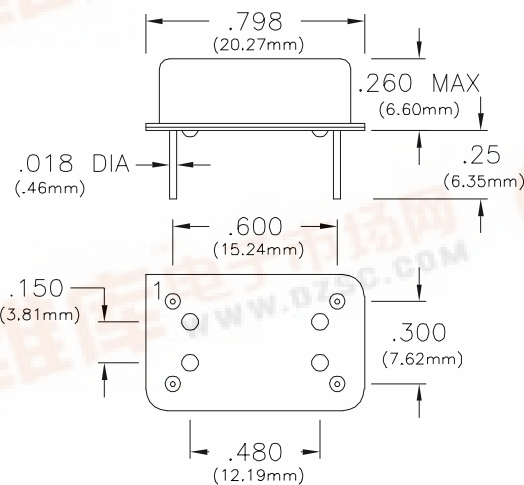


CRYSTAL CONTROLLED OSCILLATORS

AURORA, IL 60505
PHONE (630) 851-4722
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www.conwin.com

3.3V, 14 PIN DIP HCMOS ENABLE/DISABLE

SPECIFICATIONS		HC51RA	HC52RA	HC53RA	HC54RA
Frequency Range		1MHz to 90MHz			
Frequency Stability		±25ppm	±50ppm	±100ppm	±20ppm
		(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration)			
Temperature Range		0°C to +70°C			
Output	Waveform	HCMOS Squarewave			
	Load	15pF			
	Voltage	Voh	Vcc -0.5V Minimum		
		Vol	0.4V Maximum		
	Current	Ioh	-8mA		
		Iol	8mA		
	Duty Cycle	45/55 Maximum			
	Rise/Fall Time	3nS			
Input	Output E/D Time	100nS Maximum			
	Enable (Vih)	2.0V Minimum			
	Disable (Vil)	0.5V Maximum			
		Oscillator output is enabled with no connection on pin 1			
Start Up Time		10mS Maximum			
Supply Voltage		+3.3Vdc ±0.3Vdc			
Supply Current		30mA Maximum			
Package		All metal, hermetically sealed, welded package			



PIN	CONNECTION
1	ENABLE/DISABLE
7	GROUND (CASE)
8	OUTPUT
14	Vcc

HC152

REV: 02

Specifications subject to change without notice.

C-W © 1999

DATE: 09/30/05

ISSUED BY: _____

Dimensional Tolerance: ±.02"
±.005"