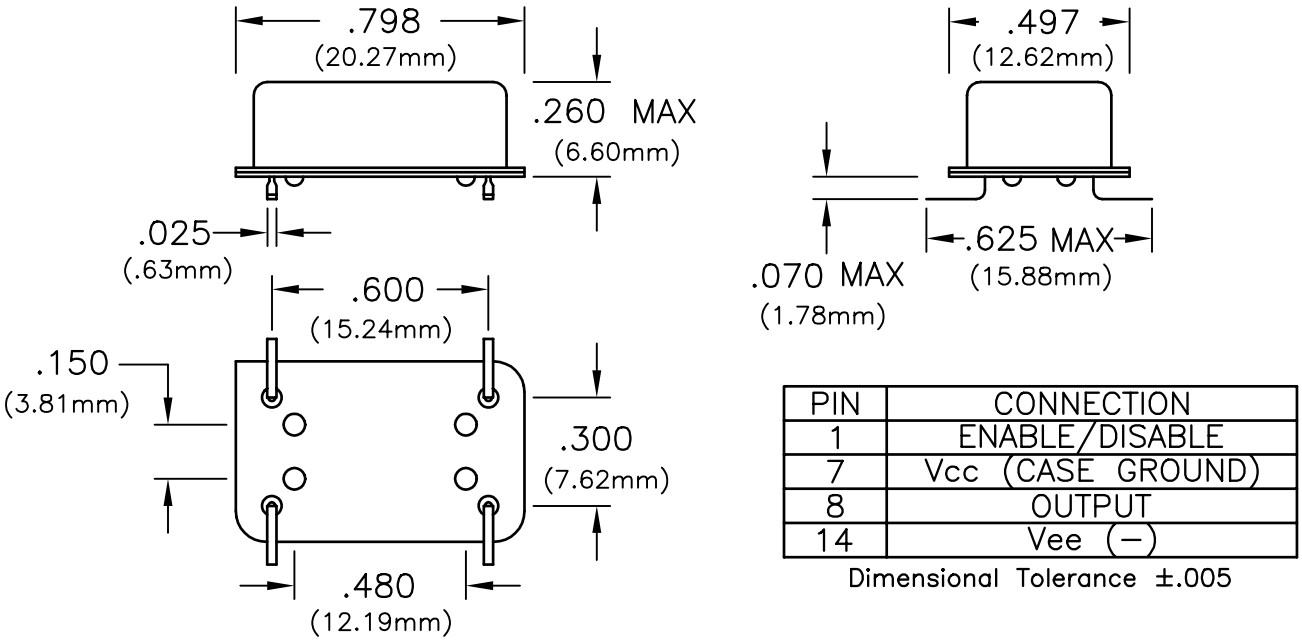
CONNOR WINFIELD

AURORA, IL 60505
PHONE (630) 851-4722
FAX (630) 851-5040
www.conwin.com

CRYSTAL CONTROLLED OSCILLATORS

HCMOS/TTL COMPATIBLE TRI-STATE OUTPUT

SPECIFICATIONS			JHC15R8RC
Frequency Range			1MHz to 70MHz
Frequency Stability			±100ppm
			(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
Supply Voltage			+5Vdc ±10%
Supply Current	1 to 25M		25mA Maximum
	25 to 50M		45mA Maximum
	50 to 70M		60mA Maximum
Output	Waveform		HCMOS or TTL Compatible Squarewave
	Load		HCMOS – 50pF , TTL – 10TTL
	Duty Cycle		45/55 Maximum Measured at 50% level
	Voltage	Voh	4.5V Minimum
		Vol	0.5V Maximum
	Current	Ioh	–16mA
		Iol	16mA
	Rise/Fall Time		7nS Maximum , 4nS Typical
	Leakage (Disabled)		±10uA Maximum , ±0.5uA Typical
Input	Output E/D Time		100nS Typical
	Enable	(Vih)	2.2V Minimum
	Disable	(Vil)	0.8V Maximum
			Oscillator output is enabled with no connection on pin 1.
Start Up Time			10mS Maximum , 3mS Typical
Package			All metal, hermetically sealed, welded package



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

Dimensional Tolerance ±.005