CONNOR WINFIELD

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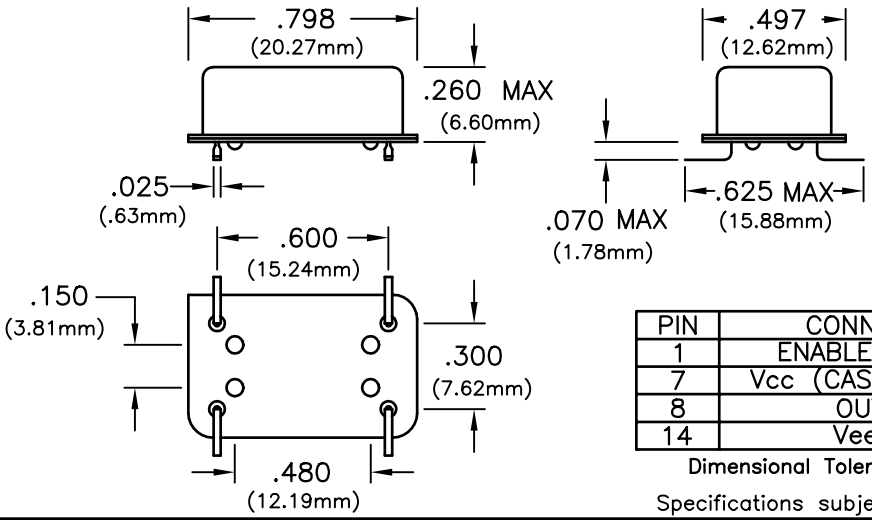
CRYSTAL CONTROLLED OSCILLATORS

HCMOS/TTL COMPATIBLE TRI-STATE OUTPUT

SPECIFICATIONS			JHC13R8R	JHC14R8R	JHC15R8R	JHC16R8R
Frequency Range			1MHz to 70MHz			
Frequency Stability			±25ppm	±50ppm	±100ppm	±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	0°C to +70°C	0°C to +70°C	-40°C to +85°C
Output	Waveform		HCMOS or TTL Compatible Squarewave			
	Load		HCMOS-50pF , TTL-10TTL			
	Voltage	Voh	4.5V Minimum			
		Vol	0.5V Maximum			
	Current	Ioh	-16mA			
		Iol	16mA			
	Duty Cycle		45/55 Maximum Measured at 50% level			
	Rise/Fall Time		7nS Maximum , 4nS 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			
Supply Voltage			+5Vdc ±10%			
Supply Current	1 to 25M		25mA Maximum			
	25 to 50M		45mA Maximum			
	50 to 70M		60ma Maximum			
Package			All metal, hermetically sealed, welded package			



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

Dimensional Tolerance ±.005

Specifications subject to change without notice