

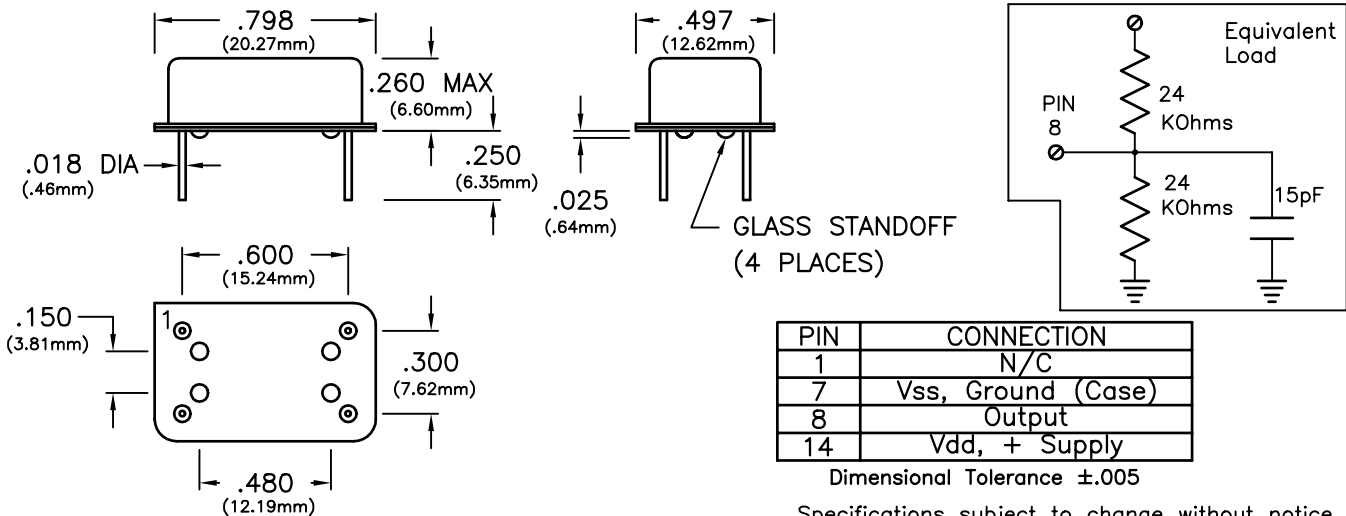


CONNOR-WINFIELD CORPORATION

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OSCILLATOR

SPECIFICATIONS	RTC523		
Frequency Range	32.768 KHz		
Frequency Calibration	±25ppm @25°C		
Frequency Stability	±80ppm		
	(Inclusive of operating temperature range, input voltage change, load change, shock and vibration)		
Temperature Range	0°C to 70°C		
Output	Waveform	4000B series CMOS Squarewave	
	Load	15pF	
	Voltage	Voh	Vdd -0.5V Minimum
		Vol	Vss +0.05V Maximum
	Current	Ioh	-600uA Typical
		Iol	600uA Typical
	Duty Cycle	40/60 Maximum Measured at the 50% level	
Rise/Fall Time	750nS Maximum at 3Vdc		
	250nS Maximum at 5Vdc		
Start Up Time	10mS Maximum		
Aging	±5ppm/year		
Supply Voltage	5Vdc to 3Vdc ±10%		
	2.70Vdc Minimum, 5.50Vdc Maximum		
Supply Current	8 uA Typical, 25 uA Maximum at 3Vdc		
	65 uA Typical, 125 uA Maximum at 5Vdc		
Package	All metal, hermetically sealed, metal package		



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