



CONNOR-WINFIELD CORPORATION

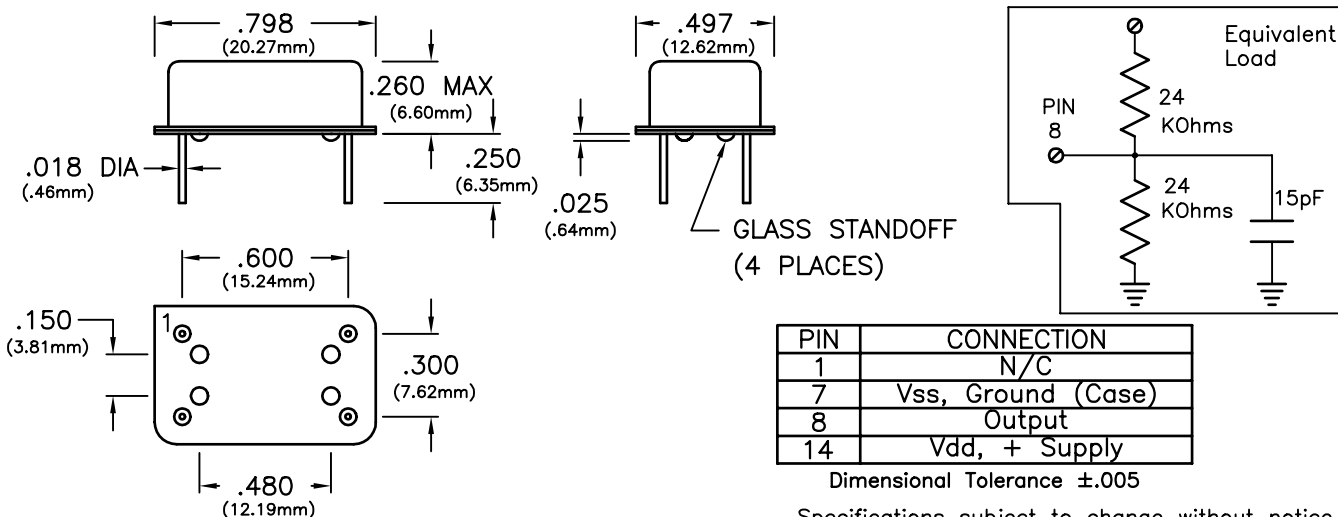
AURORA, IL. 60505

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OSCILLATOR

SPECIFICATIONS		RTC623	
Frequency Range		32.768 KHz	
Frequency Calibration		± 20 ppm @25°C	
Frequency Stability		± 180 ppm	
		(Inclusive of operating temperature range, input voltage change, load change, shock and vibration)	
Temperature Range		-40°C to +85°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		± 5 ppm/year	
Supply Voltage		5Vdc to 3Vdc $\pm 10\%$	
		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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REV: 00
DATE: 7/2/96

ISSUED BY: _____