

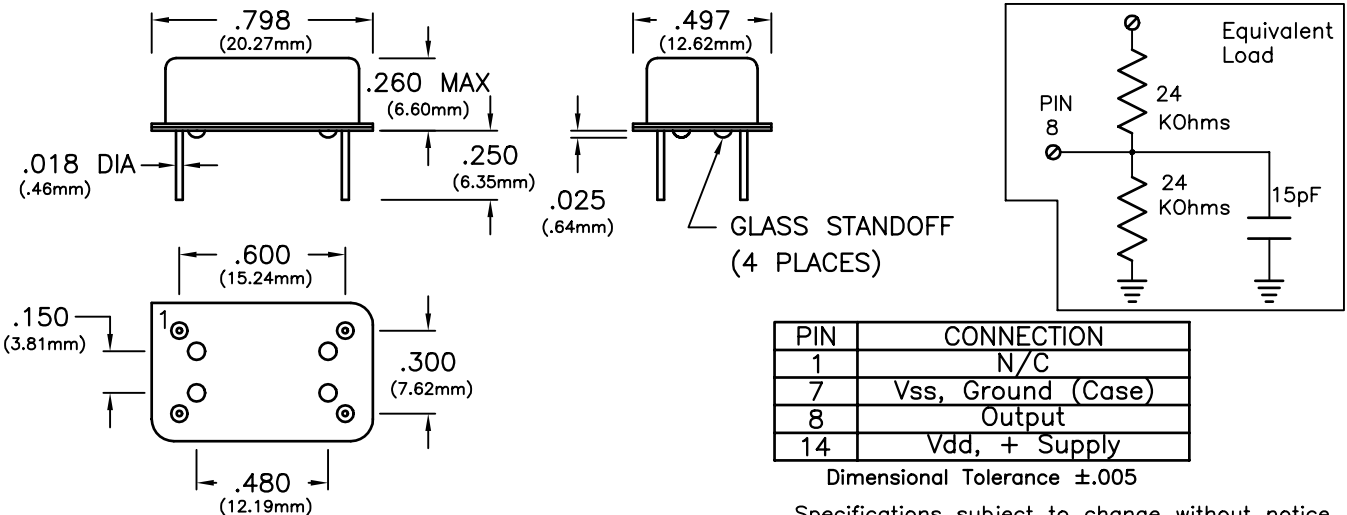


CONNOR-WINFIELD CORPORATION

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

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
		Vol
	Current	Ioh
		Iol
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



Specifications subject to change without notice

BULLETIN #: CM010
 PAGE 1 OF 1

REV: 02
 DATE: 8/23/95

ISSUED BY: _____