



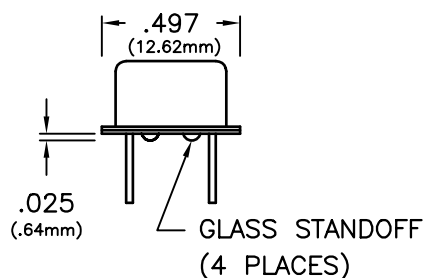
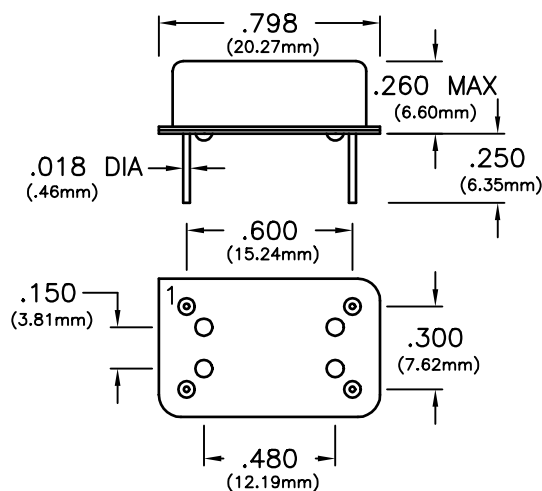
CONNOR-WINFIELD CORPORATION

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

OSCILLATORS

TIGHT TOLERANCE HCMOS OSCILLATORS

SPECIFICATIONS		H10B
Frequency Range		100KHz to 70MHz
Frequency Accuracy @25°C		±5ppm
Frequency Stability (frequency vs change in temperature)		±5ppm
Temperature Range		0°C to +50°C
Output	Waveform	HCMOS Squarewave
	Load	15pF
	Duty Cycle	48/52 Maximum Measured at the 50% level
	Voltage	Voh 4.5V Minimum
		Vol 0.5V Maximum
	Current	Ioh -4mA Minimum
		Iol 4mA Minimum
Rise/Fall Time		6nS Maximum , 4nS Typical
Start Up Time		10mS Maximum , 3mS Typical
Supply Voltage		+5Vdc ±5%
Supply Current		10mA Typical , 25mA Maximum
Package		All metal, hermetically sealed, welded package
		For other pin length options, see bulletin # MS005



PIN	CONNECTION
1	N/C
7	GROUND (CASE)
8	OUTPUT
14	(+) SUPPLY

Dimensional Tolerance ±.005

Specifications subject to change without notice

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DATE: 4/29/97

ISSUED BY: _____



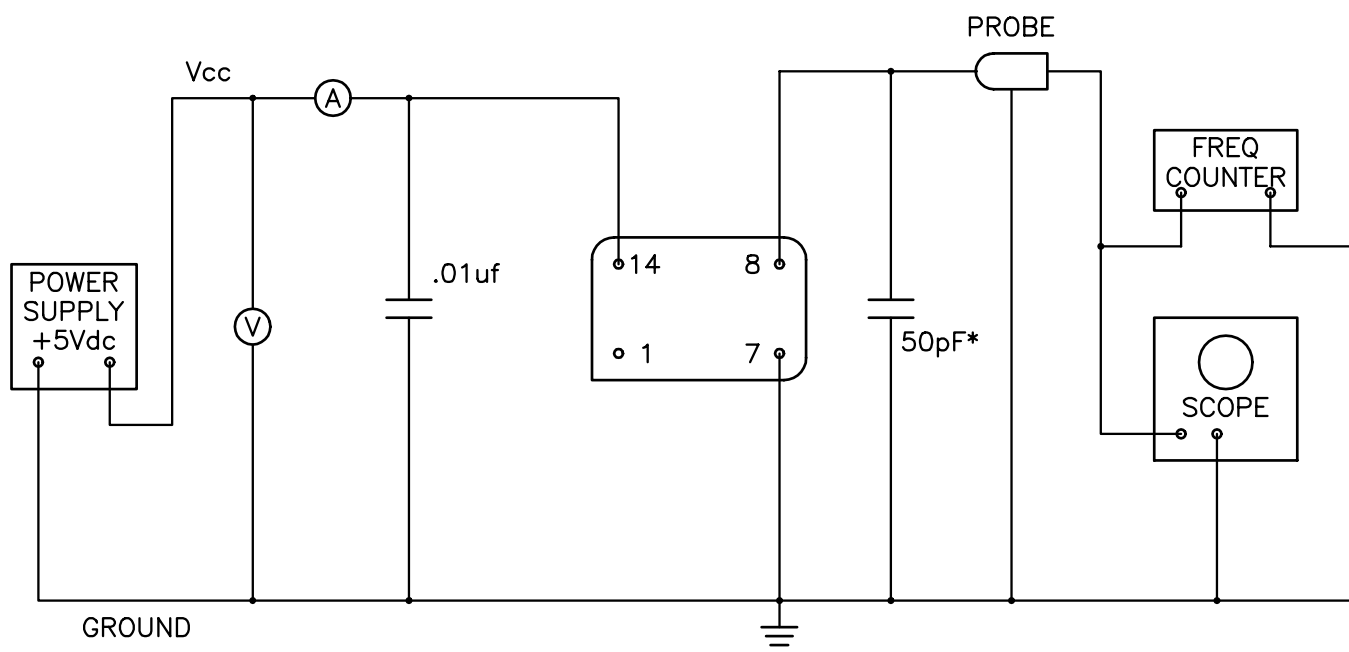
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TEST CIRCUIT



* - TOTAL LOAD CAPACITANCE

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