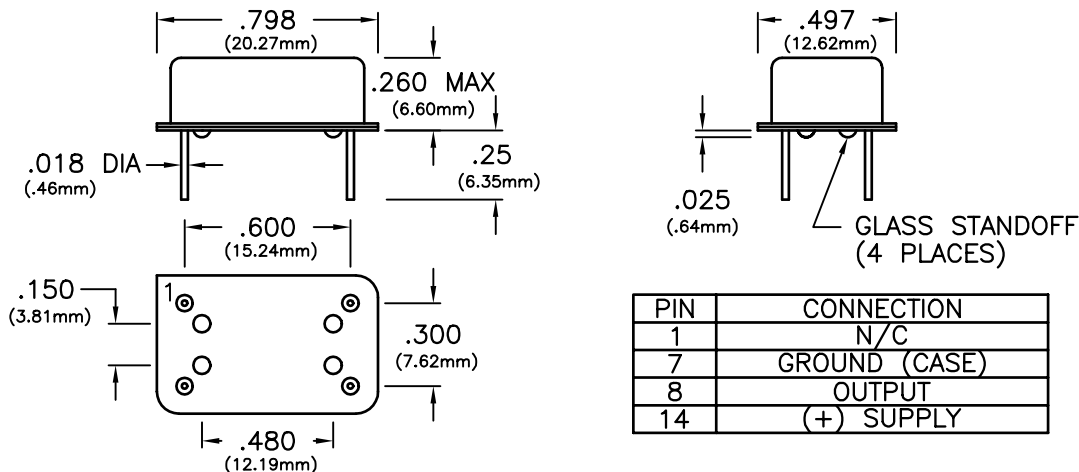


**14 PIN DIP ADVANCED CMOS**

SPECIFICATIONS	AC51	AC52	AC53	AC54	
Frequency Range	10MHz to 150MHz				
Frequency Stability	±25ppm	±50ppm	±100ppm	±20ppm	
	(Inclusive of calibration tolerance at 25°C and operating temperature range)				
Temperature Range	0°C to +70°C				
Output	Waveform	CMOS Squarewave , TTL Compatible			
	Load	50pF			
	Voltage	Voh	4.4V Minimum		
		Vol	0.44V Maximum		
	Current	Ioh	-24mA		
		Iol	24mA Maximum		
	Duty Cycle	45/55 Maximum			
	Rise/Fall Time	1ns Maximum (measured from .5 to 2.4V)			
SSB Phase Noise (Typical)	-40dBc/Hz @ 10Hz , -85dBc/Hz @ 100Hz -120dBc/Hz @ 1KHz , -140dBc/Hz @ 10KHz -145dBc/Hz @ 100KHz , -145dBc/Hz @ 1MHz				
Start Up Time	10mS Maximum				
Supply Voltage	+5Vdc ±5%				
Supply Current	100mA Maximum				
Package	All metal, hermetically sealed, welded package				

**WARNING!** Do not insert oscillator into a hot circuit. Failure to comply will result in damage to oscillator.



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