

**Military Certificates:**

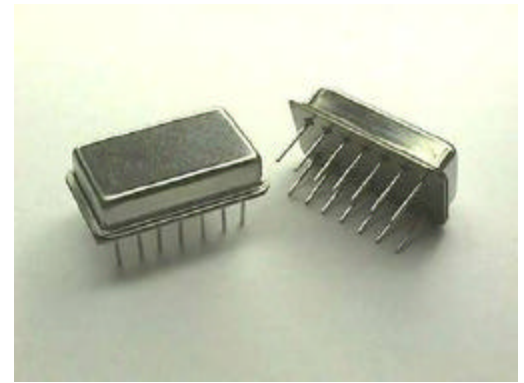
- MIL-STD-790: Product Assurance
- MIL-PRF-38534: Hybrid Microcircuit Certification
- MIL-Laboratory Suitability

**ADVANTAGES**

- Full Military Approval
- High Shock and Vibration
- Extended Temperature Range
- Double Hermetic Seal

**APPLICATIONS**

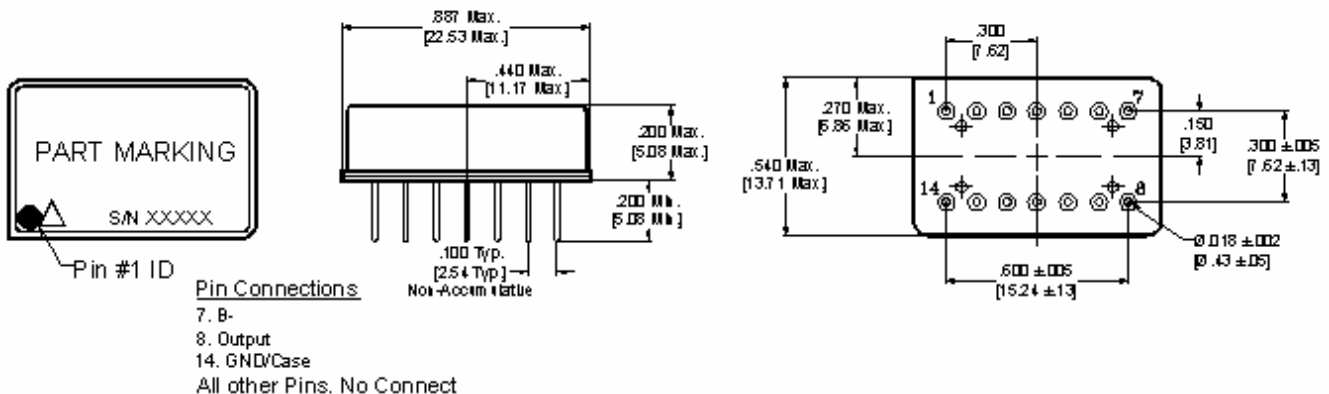
- Aircraft
- Missile
- Two Way Radio
- Computer



**ELECTRICAL PERFORMANCE (Ta=23°C)**

PARAMETER	MINIMUM	MAXIMUM	UNITS
Center Frequency	25.0	175.0	MHz
Frequency Tolerance @ +23°C ±1°C	±15.0	±25.0	ppm
Operating Temperature Range	-55	+125	°C
Frequency Stability	±30	±50	ppm
Storage Temperature Range	-62	+125	°C
Duty Cycle @ 1.4V	45	55	%
Rise Fall Times 2.0nS Typ.		3.5	nS
Supply Current over Temperature	50	125	mA
Supply Voltage	-4.94	-5.46	Vdc
Output: ECL			
Aging: ±0.7ppm for 30 Days, ±1.5ppm for 90 Days	±0.7	±5.0	ppm/year

Parameter	Standard Observed
Mechanical Shock	MIL-STD-202 Method 213, Condition C
Vibration	MIL-STD-202 Method 201, 204, and 214
Hermeticity	MIL-STD-202, Method 112
Solderability	IPC/EIA-STD-002A



- NOTES**
- 1) To order, state part number, options and nominal frequency e.g. 14-Pin Dip 60.000MHz
  - 2) Other temperature ranges, stabilities and electrical parameters are readily available upon request.
  - 3) Other specifications available upon request.