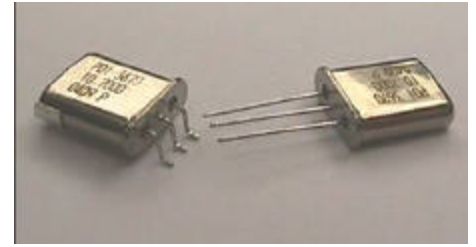


### ADVANTAGES

- Custom Designs
- Through-Hole Package
- Gull Wing with Metal Jacket for SMT
- Wide Operating Frequency Range

### APPLICATIONS

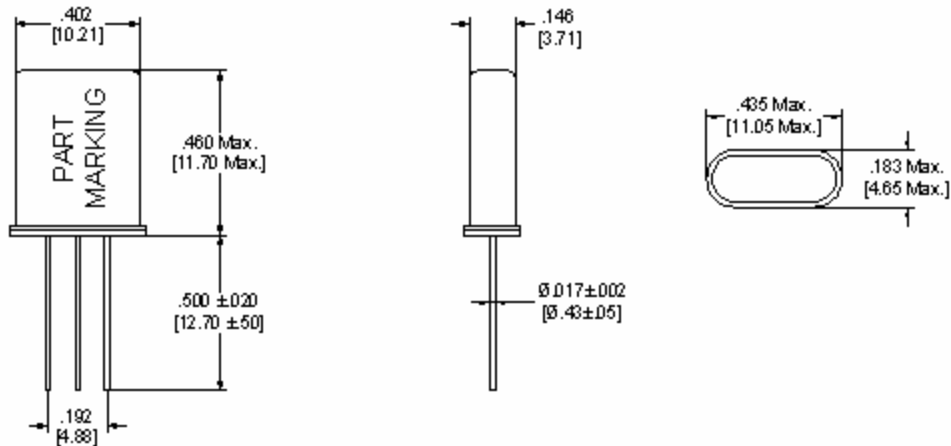
- Telecommunications
- Instrumentation
- Commercial Avionics & Marine Communication
- Military



### ELECTRICAL PERFORMANCE (Ta=25°C)

PARAMETER	MINIMUM	MAXIMUM	UNITS
Center Frequency	5	150	MHz
Pass Bandwidth	1	80	KHz
Insertion Loss	1	10	db
Ripple	.5	4	db
Ultimate Attenuation	20	100	db
Spurious	15	90	db
Number of Poles	2	12	
Temperature Range	-30	+90	°C
Typical Temperature Range	-20	+70	°C
Impedance	50	Natural	Ohms

Parameter	Standard Observed
Thermal Shock	MIL-STD-202 Method 107D
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. MF-1 125.000MHz
  - 2) Other Specifications available upon request.
  - 3) Available upon request; Linear phase filters, Amplitude phase matching filters, and delay equalization.

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