

ADVANTAGES

- Custom Designs
- Connectors, Thru-Hole, B NC
- Hermetic Package
- Wide Operating Frequency Range

APPLICATIONS

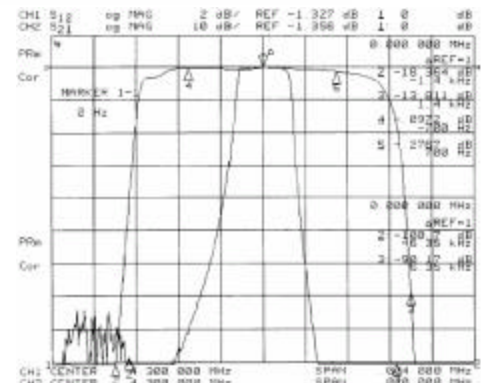
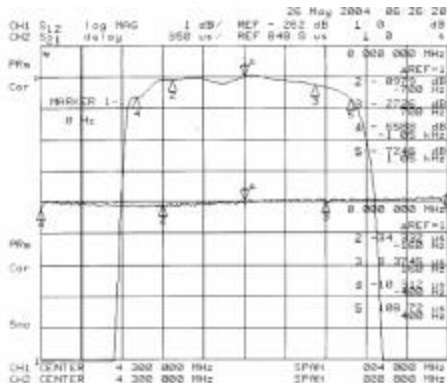
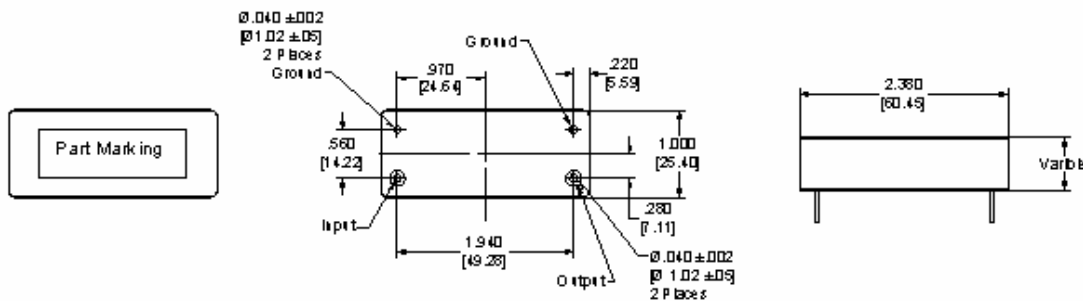
- Telecommunications
- Instrumentation
- Commercial Avionics & Marine Communication
- Base Stations



ELECTRICAL PERFORMANCE (Ta=25°C)

PARAMETER	MINIMUM	MAXIMUM	UNITS
Center Frequency	455KHz	250MHz	
Pass Bandwidth	500Hz	500KHz	
Insertion Loss	1	15	db
Ripple	.1	4	db
Ultimate Attenuation	40	100	db
Spurious	15	90	db
Number of Poles	2	12	
Temperature Range	-55	+125	°C
Typical Temperature Range	-30	+85	°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. DF-1 125.000MHz
2) Other Specifications available upon request.