

ADVANTAGES

- Custom Designs
- Hermetic Package
- Wide Operating Frequency Range

APPLICATIONS

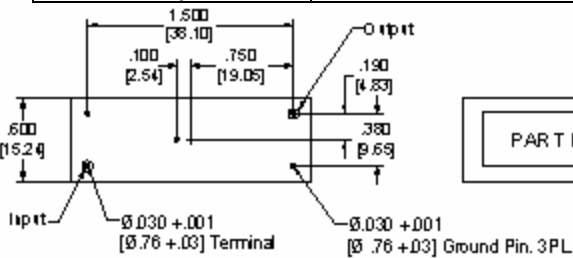
- Telecommunications
- Military
- Commercial Avionics & Marine Communication
- Base Stations



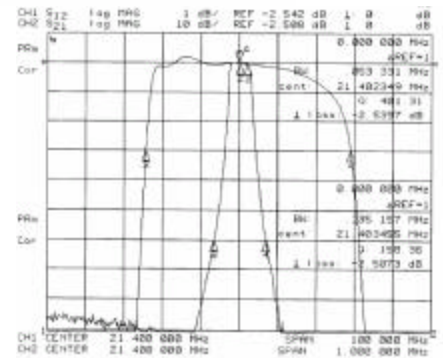
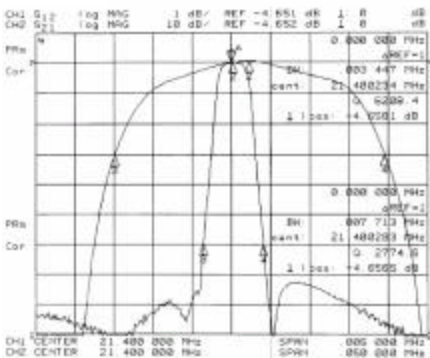
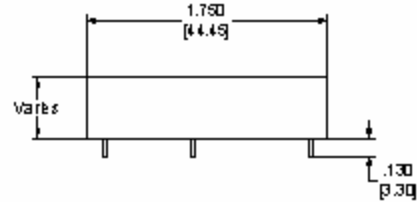
ELECTRICAL PERFORMANCE (Ta=25°C)

PARAMETER	MINIMUM	MAXIMUM	UNITS
Center Frequency	12	250	MHz
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	8	
Temperature Range	-55	+125	°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



PART MARKING



- NOTES**
- 1) To Order state part number, options and nominal frequency. e.g. DF-2 125.000MHz
 - 2) Other Specifications available upon request.
 - 3) Available upon request; Linear phase filters, Amplitude phase matching filters, and delay equalization.

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