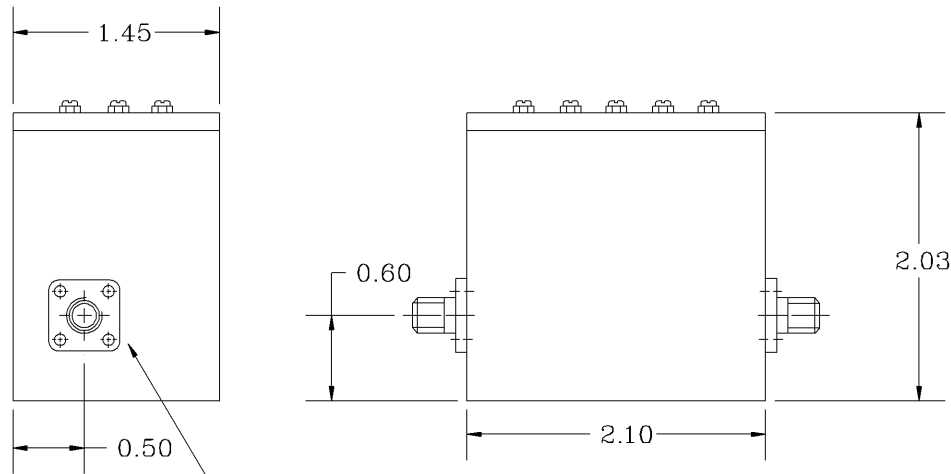
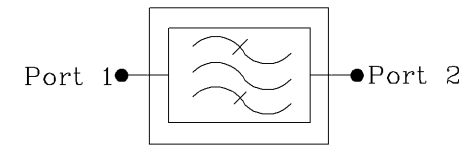
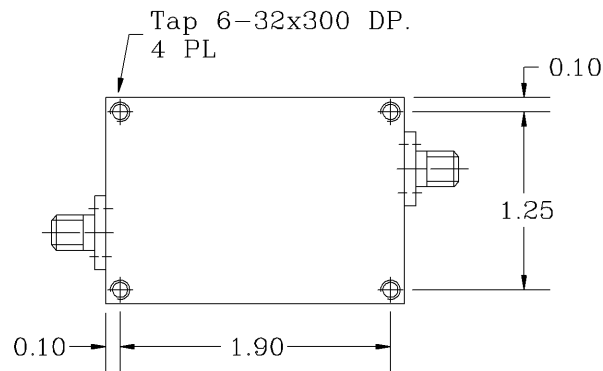


REVISIONS			
REV		DATE	APPROVED



SMA Female (2)



### Electrical Specifications

- \*Pass Band Frequency Range [MHz] : 1510 to 1560
- \*Pass Band Insertion Loss [dB] : <0.5, 0.4 (Typ.)
- \*Pass Band Ripple [dB] : < 0.4 P-T-P
- \*Rejection @ DC to 945 MHz [dBc] : 70 (Min.), 80 (Typ.)
- @ 945 to 1398 MHz [dBc] : 30 (Min.), 35 (Typ.)
- @ 1398 to 1484 MHz [dBc] : 20 (Min.), 25 (Typ.)
- \*Pass Band Return Loss [dB] : -18 (Max.) <1.28:1
- \*Input/Output Impedance : 50 ohm
- \*Input/Output @ DC Ground Potential
- \*RF Power Capability Average : 2 Watts

OPERATING TEMPERATURE RANGE: -10°C TO +60°C

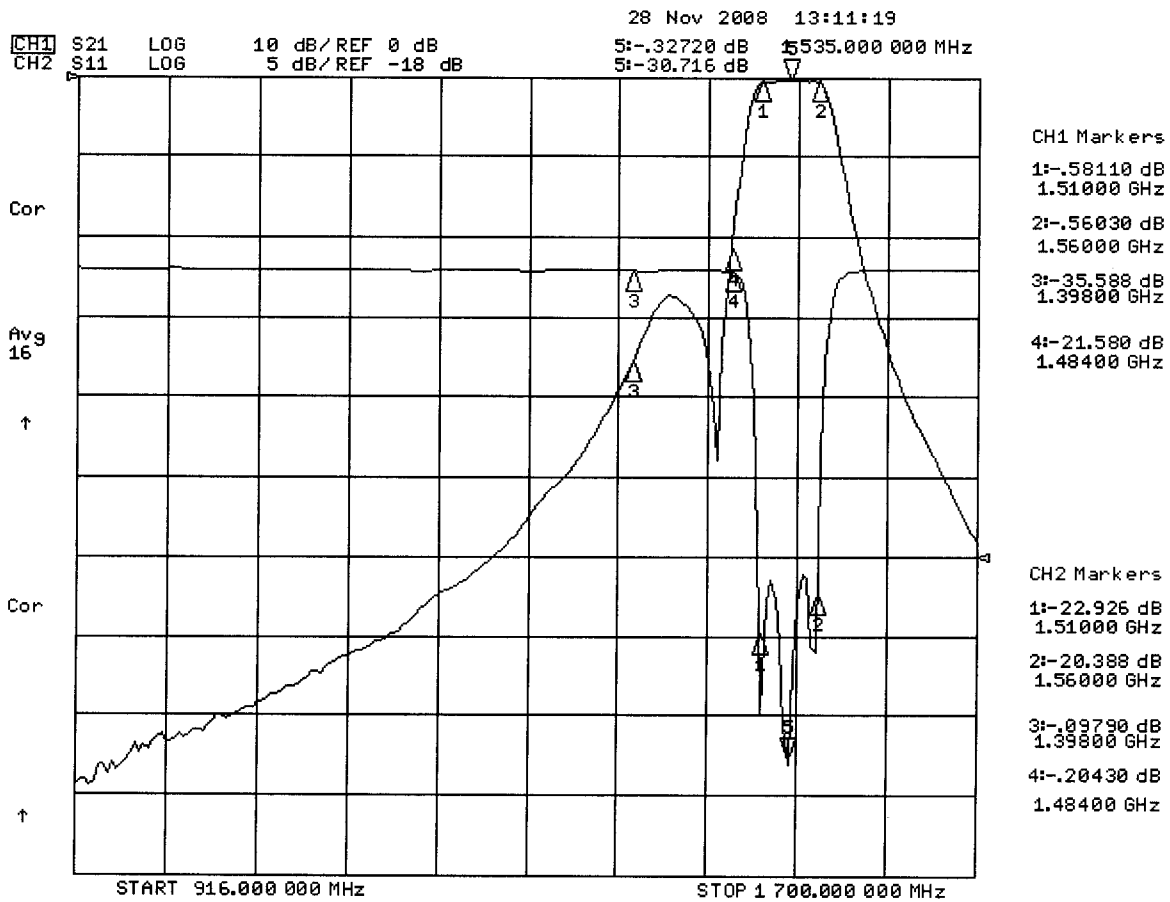
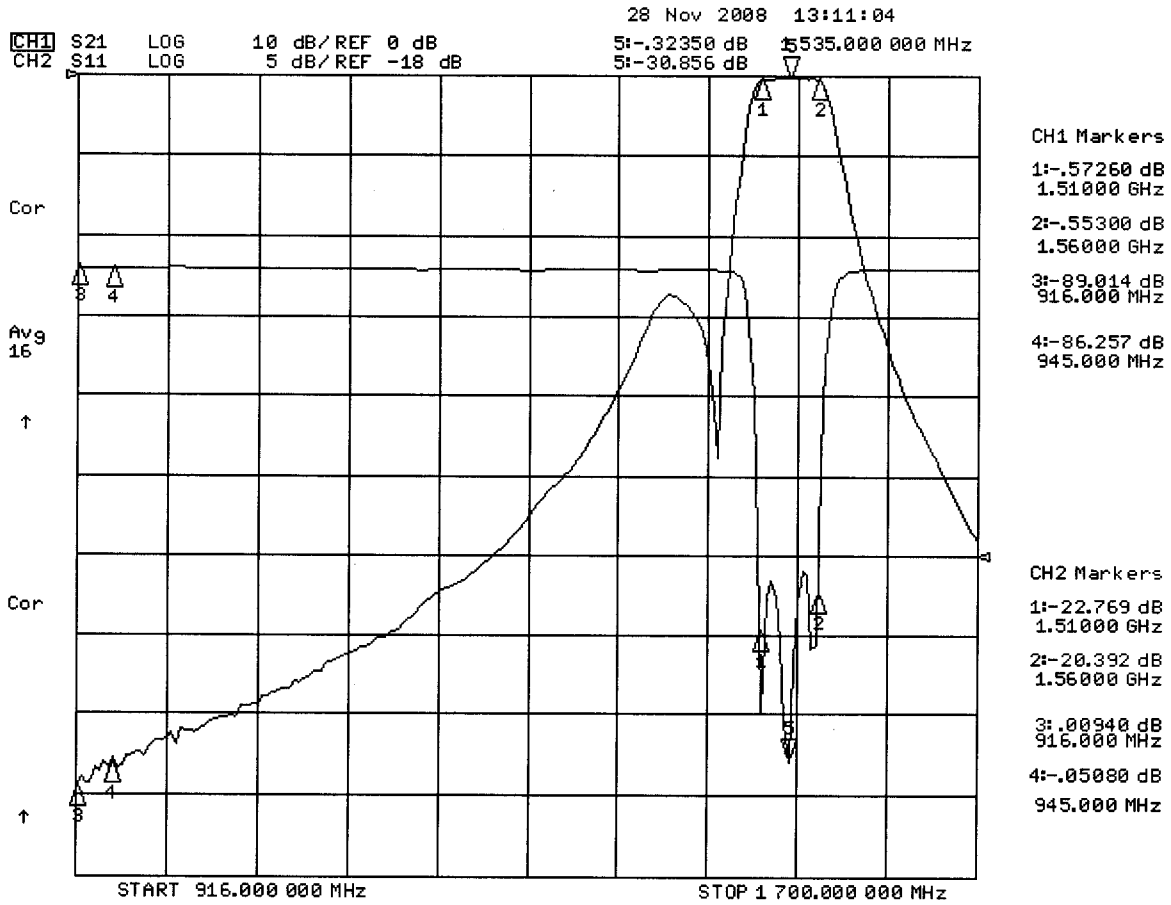
#### NOTES:

1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

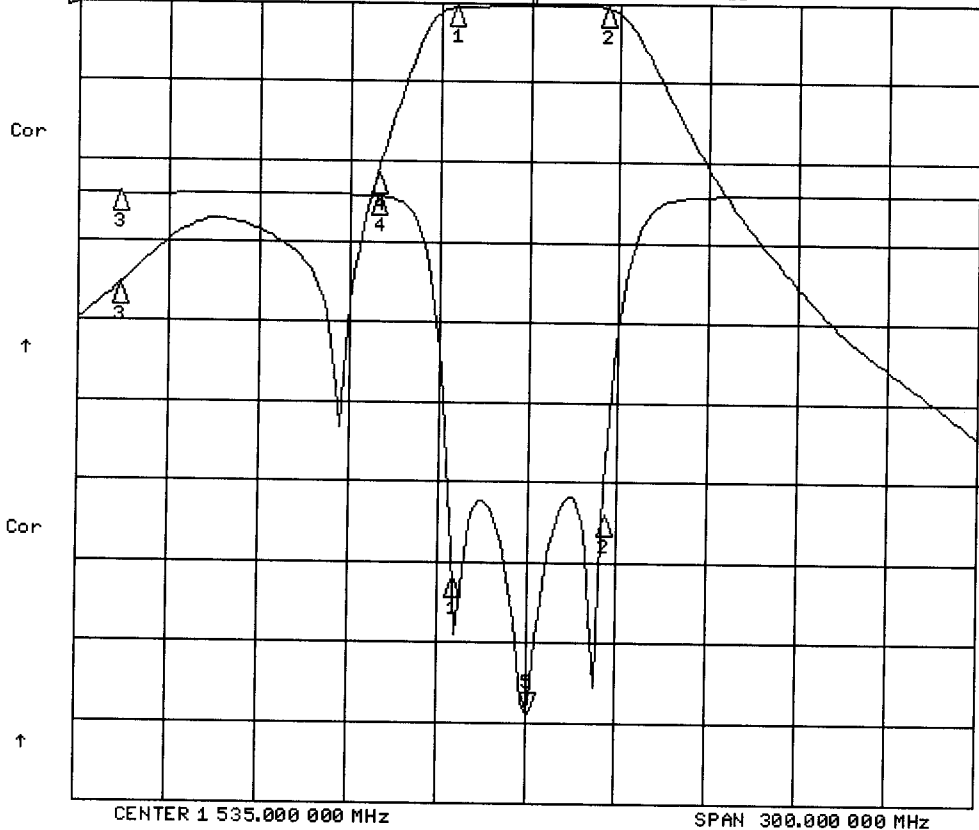
PROPRIETARY DOCUMENT:  
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DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	12/08	Band Pass Filter GPS 1535 MHz		REV.	
TREATMENT	CHECKED			CB1535/500K-B1			
FINISH 63/	ENG.			SIZE	CAGE CODE	DWG NO:	
	DESIGN ACTIVITY			A	3K1H4	CB1535/500K-B1-1	0
MATERIAL AL6061-T6				SCALE	None		SHEET 1 OF 1

CB1535/500K-B1



28 Nov 2008 13:14:41  
 CH1 S21 LOG 10 dB/REF 0 dB 5 5:-32.660 dB 1 535.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5 5:-32.416 dB



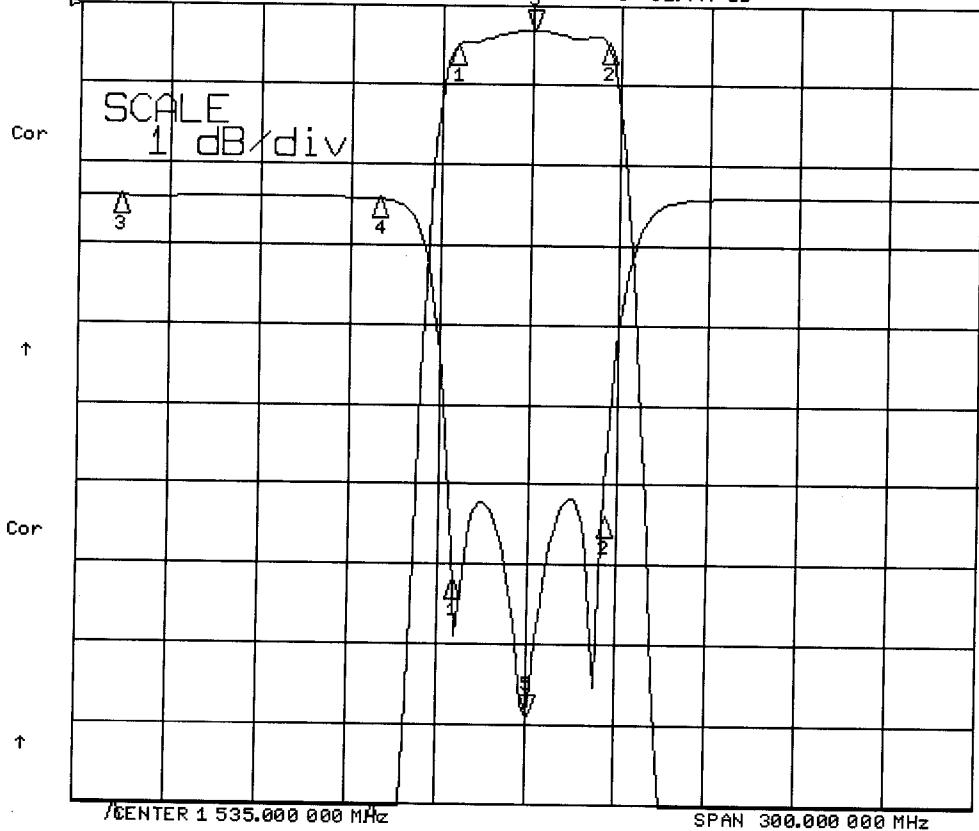
CH1 Markers

- 1:-51.430 dB  
1.51000 GHz
- 2:-47.930 dB  
1.56000 GHz
- 3:-35.619 dB  
1.39800 GHz
- 4:-21.643 dB  
1.48400 GHz

CH2 Markers

- 1:-24.028 dB  
1.51000 GHz
- 2:-20.091 dB  
1.56000 GHz
- 3:-09.130 dB  
1.39800 GHz
- 4:-18.850 dB  
1.48400 GHz

28 Nov 2008 13:14:45  
 CH1 S21 LOG 1 dB/REF 0 dB 5 5:-32.400 dB 1 535.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5 5:-32.447 dB



CH1 Markers

- 1:-50.810 dB  
1.51000 GHz
- 2:-47.240 dB  
1.56000 GHz
- 3:-35.630 dB  
1.39800 GHz
- 4:-21.660 dB  
1.48400 GHz

CH2 Markers

- 1:-23.971 dB  
1.51000 GHz
- 2:-20.142 dB  
1.56000 GHz
- 3:-09.390 dB  
1.39800 GHz
- 4:-18.740 dB  
1.48400 GHz