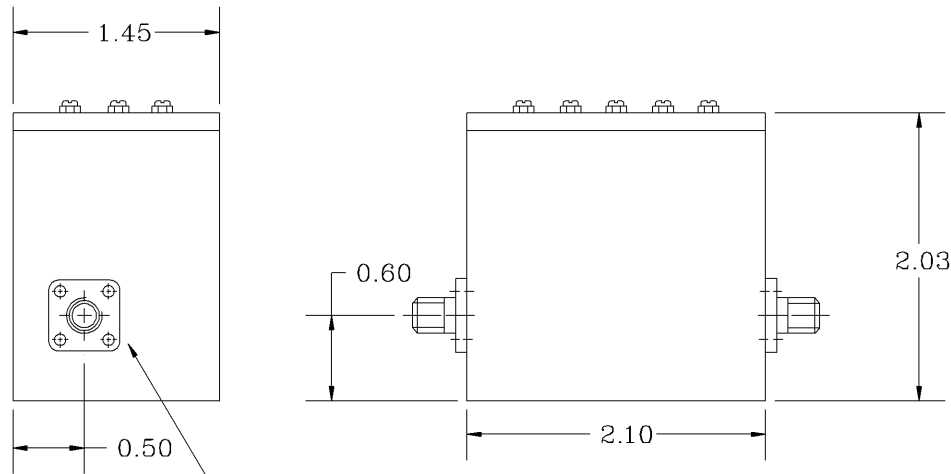
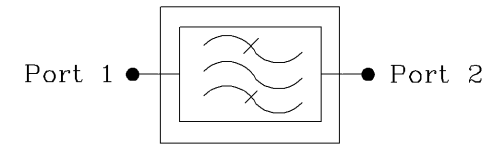
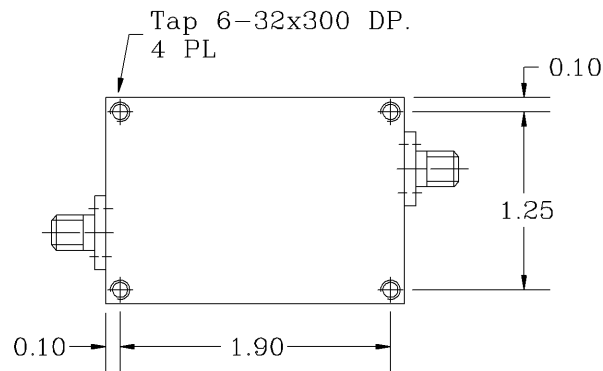


REVISIONS			
REV		DATE	APPROVED



SMA Female (2)



### Electrical Specifications

- \*Pass Band Frequency Range [MHz] : 1466 to 1498
- \*Pass Band Insertion Loss [dB] : <0.6, 0.4 (Typ.)
- \*Pass Band Ripple [dB] : < 0.4 P-T-P
- \*Rejection @ DC to 945 MHz [dBc] : 70 (Min.), 80 (Typ.)
- @ 945 to 1412 MHz [dBc] : 30 (Min.), 35 (Typ.)
- @ 1536 to 1575 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:

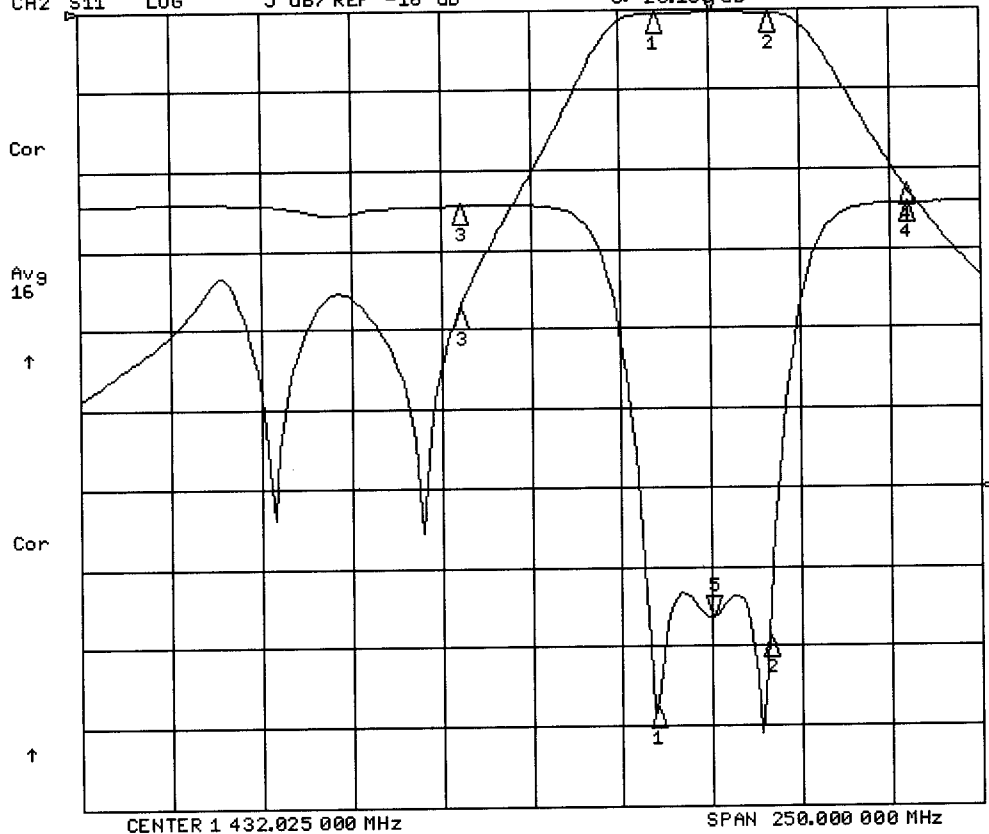
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

PROPRIETARY DOCUMENT:  
THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

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 1482 MHz		REV.	
TREATMENT	CHECKED			CB1482/31.60K-B1			
FINISH 63/	ENG.			SIZE	CAGE CODE	DWG NO:	
	DESIGN ACTIVITY			A	3K1H4	CB1482/31.60K-B1-1	0
MATERIAL AL6061-T6				SCALE	None		SHEET 1 OF 1

CB1482/31.60k-  
B1

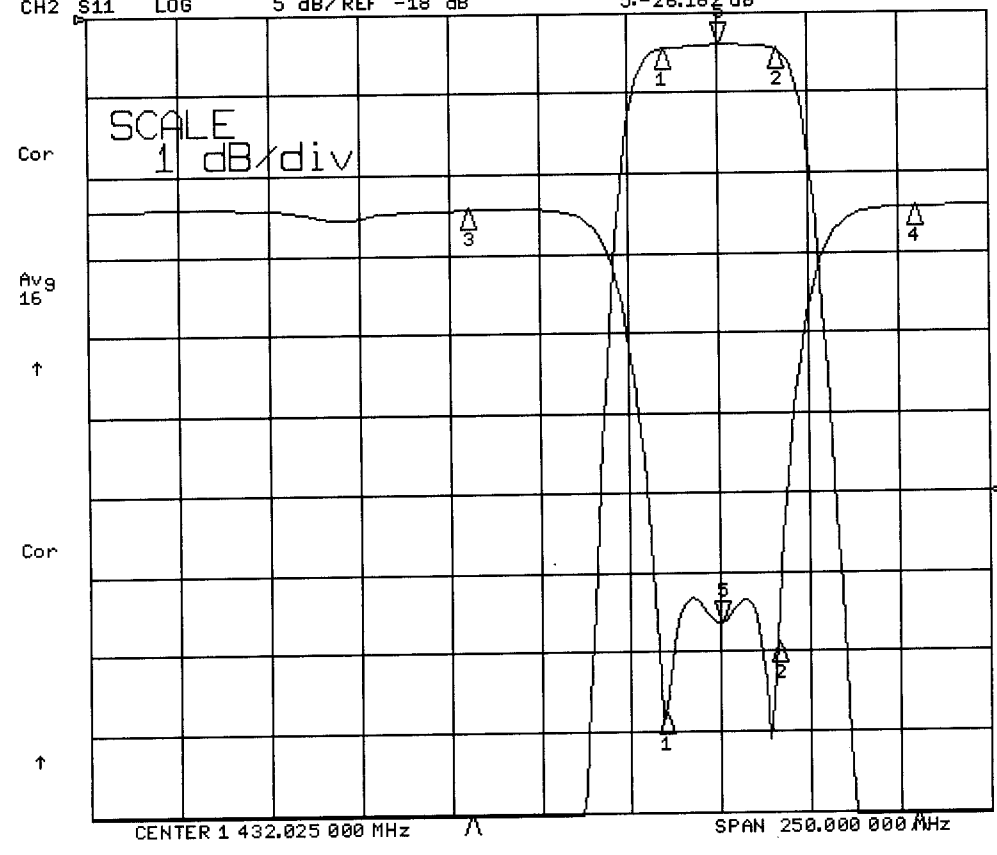
28 Nov 2008 12:25:20  
 CH1 S21 LOG 10 dB/REF 0 dB 5: -.39585 dB 1 482.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5: -26.167 dB



CH1 Markers  
 1: -.44550 dB  
 1.46620 GHz  
 2: -.45650 dB  
 1.49780 GHz  
 3: -37.599 dB  
 1.41200 GHz  
 4: -22.127 dB  
 1.53600 GHz

CH2 Markers  
 1: -31.914 dB  
 1.46620 GHz  
 2: -27.533 dB  
 1.49780 GHz  
 3: -22.070 dB  
 1.41200 GHz  
 4: -1.3510 dB  
 1.53600 GHz

28 Nov 2008 12:25:24  
 CH1 S21 LOG 1 dB/REF 0 dB 5: -.39520 dB 1 482.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5: -26.182 dB

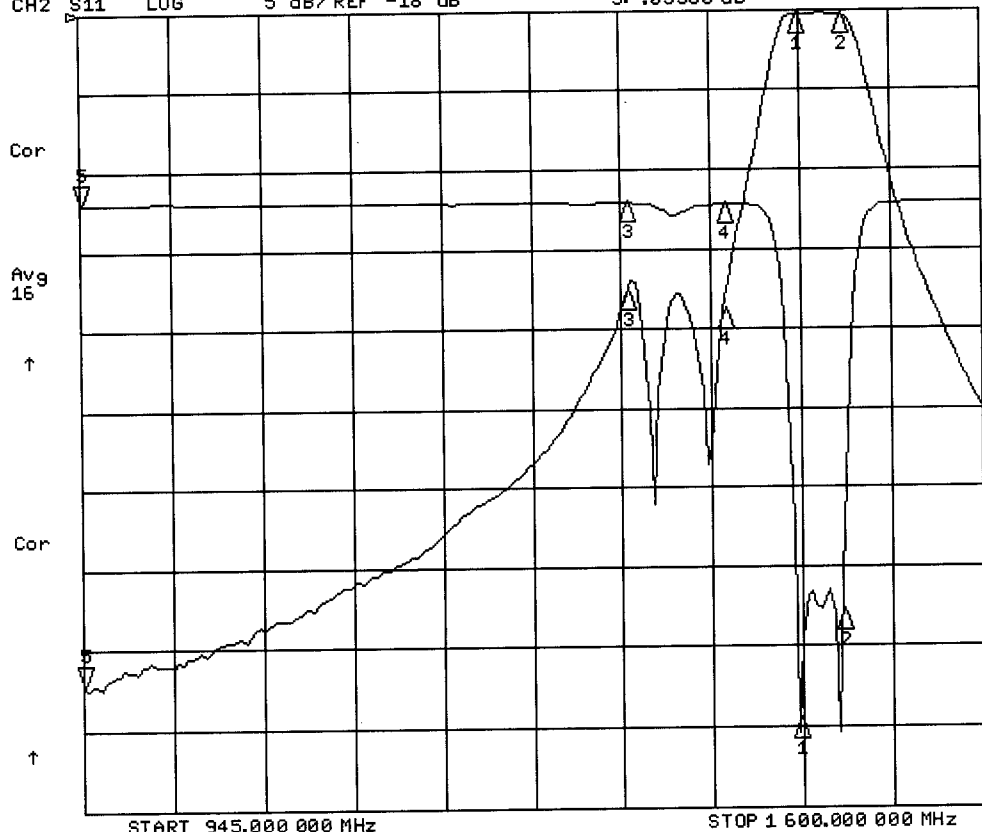


CH1 Markers  
 1: -.44620 dB  
 1.46620 GHz  
 2: -.45520 dB  
 1.49780 GHz  
 3: -37.598 dB  
 1.41200 GHz  
 4: -22.129 dB  
 1.53600 GHz

CH2 Markers  
 1: -31.947 dB  
 1.46620 GHz  
 2: -27.500 dB  
 1.49780 GHz  
 3: -21.820 dB  
 1.41200 GHz  
 4: -1.2900 dB  
 1.53600 GHz

28 Nov 2008 12:29:07

CH1 S21 LOG 10 dB/REF 0 dB 5:-84.488 dB 945.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.05580 dB



CH1 Markers

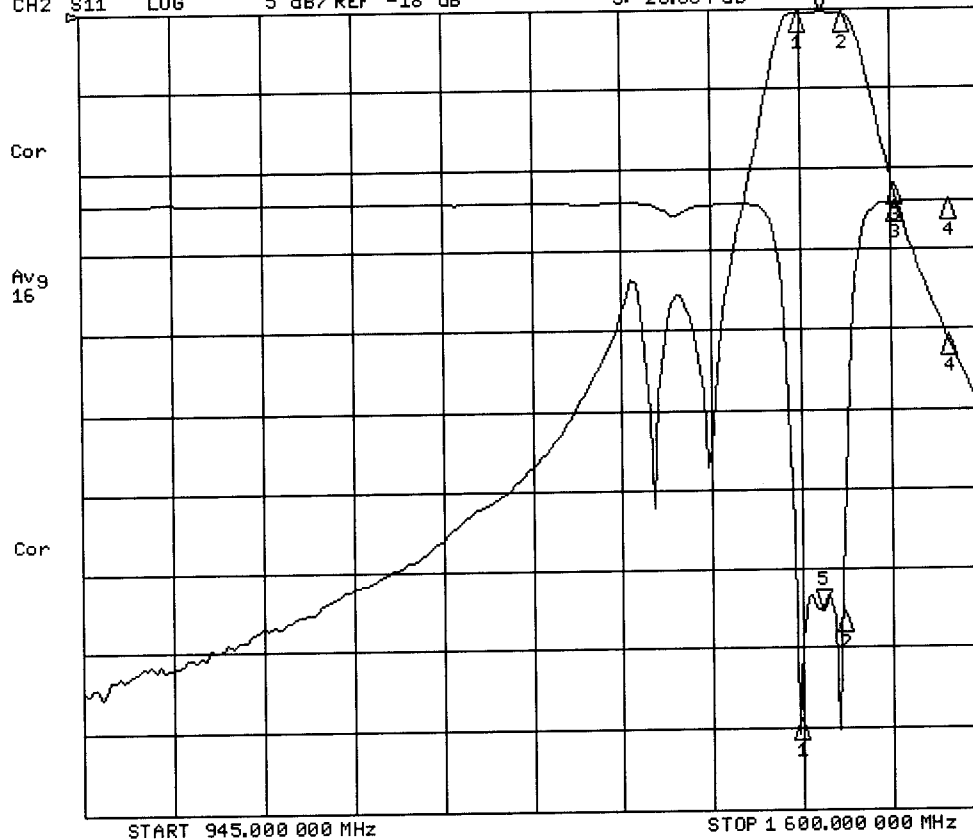
- 1:-46.360 dB  
1.46620 GHz
- 2:-48.560 dB  
1.49780 GHz
- 3:-35.226 dB  
1.34200 GHz
- 4:-37.640 dB  
1.41200 GHz

CH2 Markers

- 1:-32.519 dB  
1.46620 GHz
- 2:-25.721 dB  
1.49780 GHz
- 3:-.07230 dB  
1.34200 GHz
- 4:-.21340 dB  
1.41200 GHz

28 Nov 2008 12:29:45

CH1 S21 LOG 10 dB/REF 0 dB 5:-.40180 dB 1 482.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-25.664 dB



CH1 Markers

- 1:-46.810 dB  
1.46620 GHz
- 2:-48.050 dB  
1.49780 GHz
- 3:-22.122 dB  
1.53600 GHz
- 4:-40.978 dB  
1.57500 GHz

CH2 Markers

- 1:-32.499 dB  
1.46620 GHz
- 2:-25.745 dB  
1.49780 GHz
- 3:-1.2670 dB  
1.53600 GHz
- 4:-.04610 dB  
1.57500 GHz