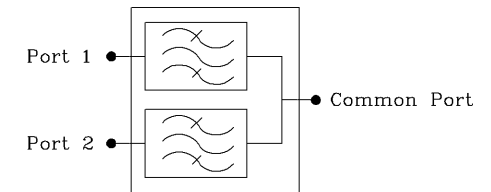
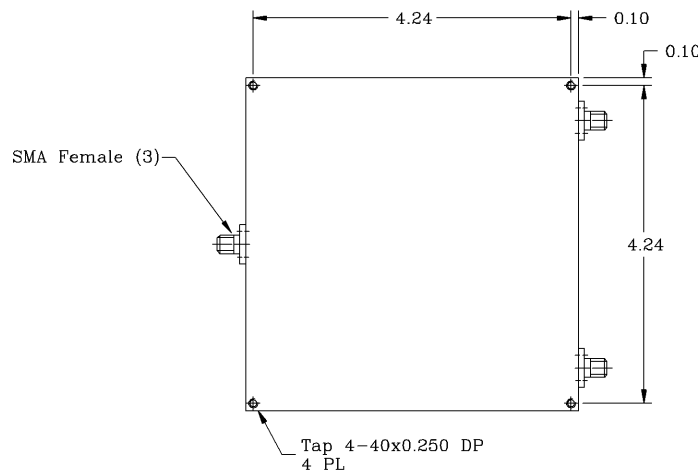
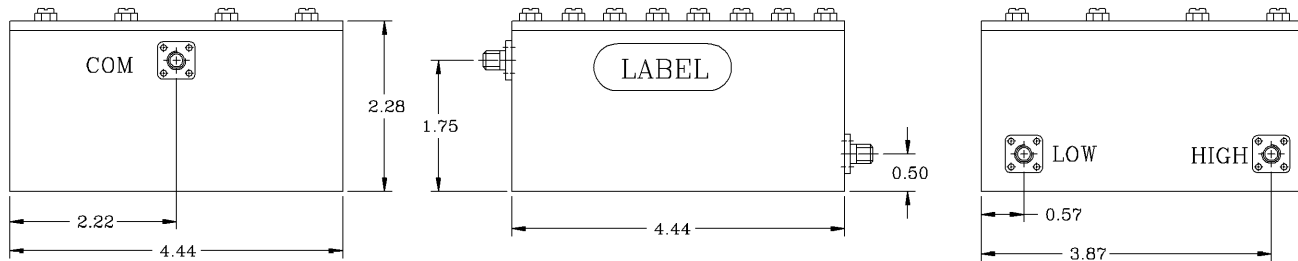


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low Pass Band Range [MHz] : 698 to 704
- *High Pass Band Range [MHz] : 728 to 734
- *Pass Band Insertion Loss @ Fo [dB] : <2.2, 2.1 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Band Rejection @ 728 to 734 MHz [dB] : 98 (Min.), 100 (Typ.)
@ 694 & 708 MHz [dB] : 30 (Min.), 35 (Typ.)
- *High Band Rejection @ 698 to 704 MHz [dB] : 98 (Min.), 100 (Typ.)
@ 724 & 738 MHz [dB] : 30 (Min.), 35 (Typ.)
- *Isolation between Filters [dB] : 98 (Min.), 100 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -30°C TO +75°C

NOTES:

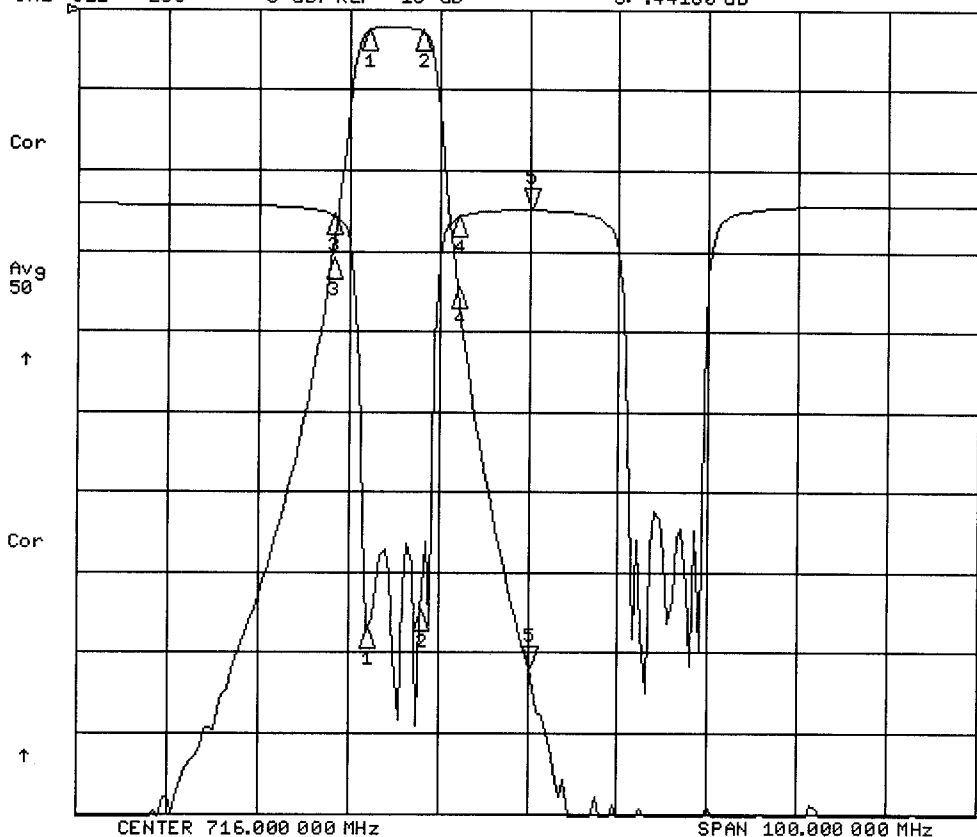
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

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: ANGLES DECIMALS ± 1° X ± .05 XX ± .01 XXX ± .003		CONTRACT NO:		G-Way Microwave	
TREATMENT		APPROVALS			
FINISH 63 ✓		DRAWN Segal 03/11		CD716/LTE-LA/6SK-B1	
MATERIAL		CHECKED		SIZE CAGE CODE DWG NO.	
		DESIGN ACTIVITY		A 3K1H4 CD716/LTE-LA/6SK-B1	
				REV. 0	
		SCALE None		SHEET 1 OF 1	

11 Mar 2011 10:14:02

CH1 S21 LOG 10 dB/REF 0 dB 5:-81.739 dB 716.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.44160 dB



CH1 Markers

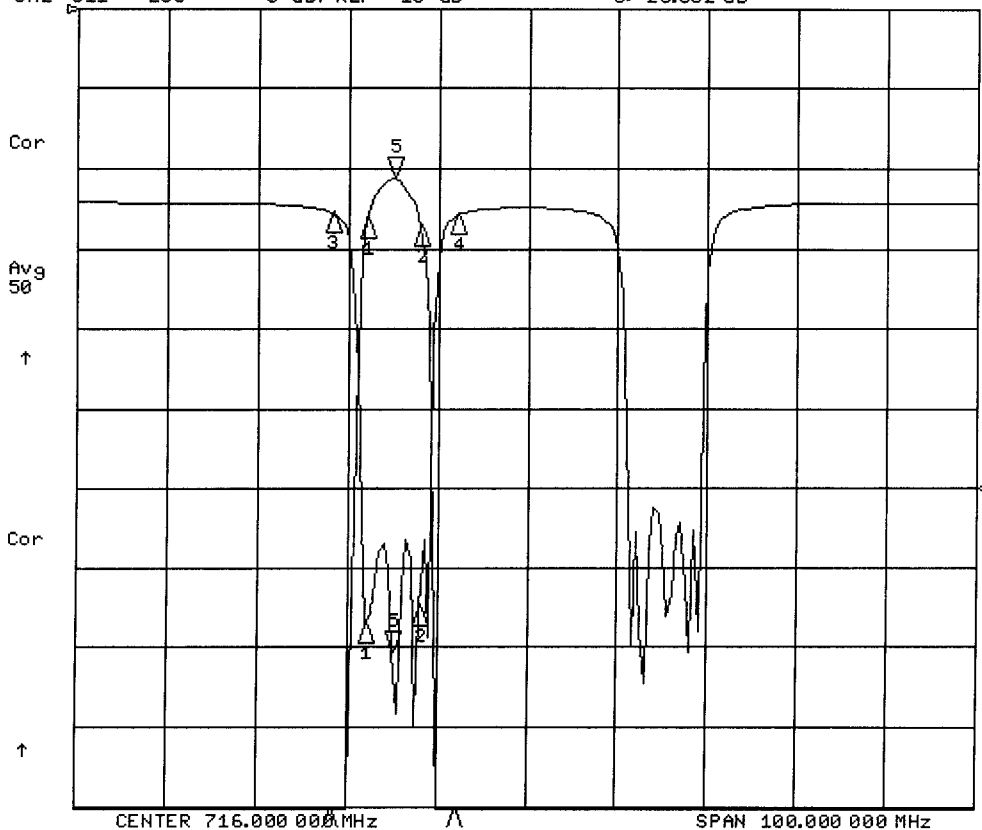
- 1:-2.6204 dB
698.000 MHz
- 2:-2.7328 dB
704.000 MHz
- 3:-31.174 dB
694.000 MHz
- 4:-34.627 dB
708.000 MHz

CH2 Markers

- 1:-26.514 dB
698.000 MHz
- 2:-25.378 dB
704.000 MHz
- 3:-.72280 dB
694.000 MHz
- 4:-.90800 dB
708.000 MHz

11 Mar 2011 10:14:20

CH1 S21 LOG 1 dB/REF 0 dB 5:-2.1262 dB 701.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-28.332 dB



CH1 Markers

- 1:-2.6213 dB
698.000 MHz
- 2:-2.7335 dB
704.000 MHz
- 3:-31.170 dB
694.000 MHz
- 4:-34.632 dB
708.000 MHz

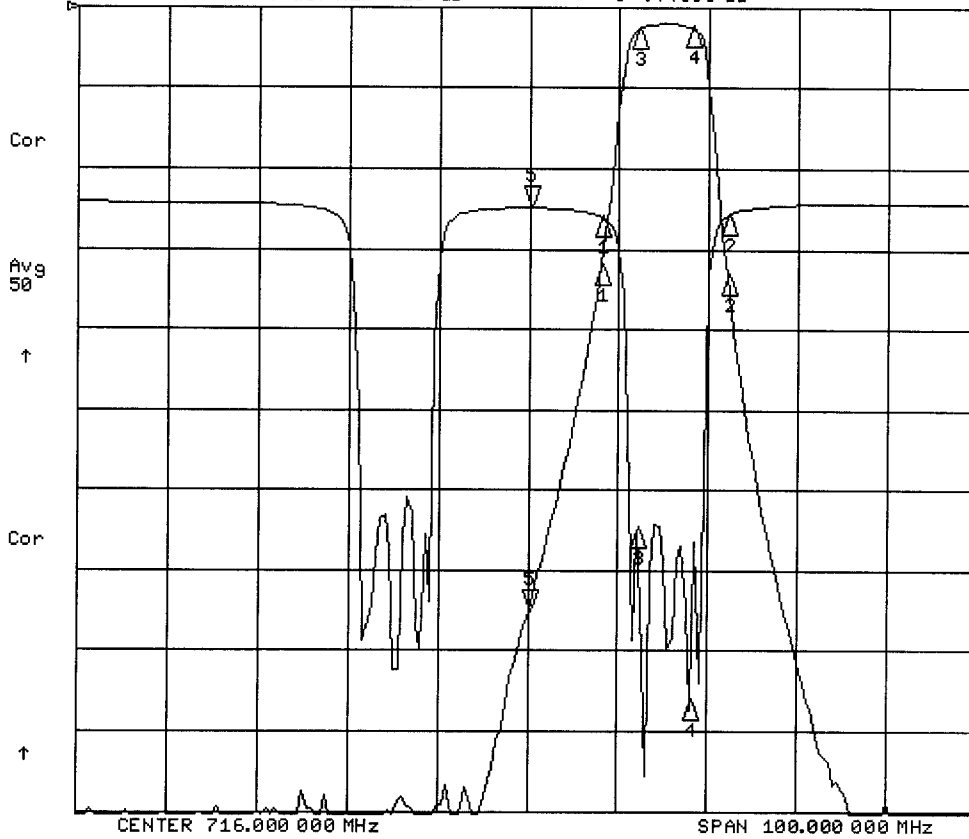
CH2 Markers

- 1:-26.543 dB
698.000 MHz
- 2:-25.420 dB
704.000 MHz
- 3:-.71840 dB
694.000 MHz
- 4:-.90670 dB
708.000 MHz

11 Mar 2011 10:12:43

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -18 dB

5:-75.054 dB 716.000 000 MHz
5:-.44580 dB



CH1 Markers

- 1:-32.037 dB
724.000 MHz
- 2:-33.209 dB
738.000 MHz
- 3:-2.6019 dB
728.000 MHz
- 4:-2.4909 dB
734.000 MHz

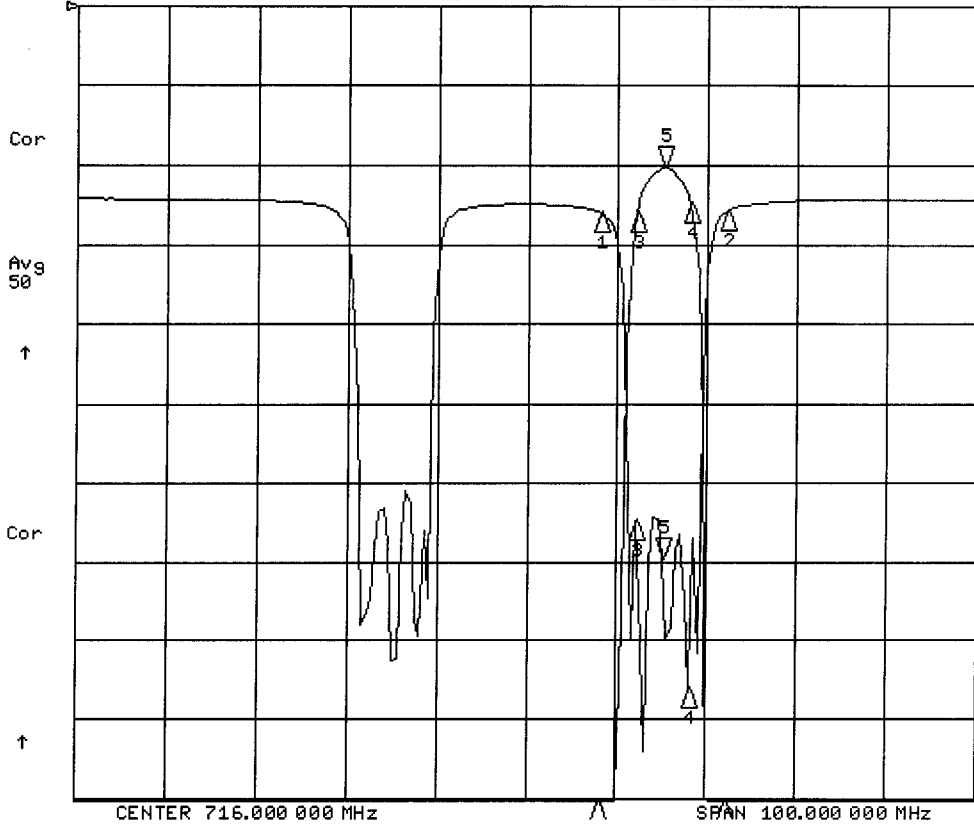
CH2 Markers

- 1:-1.0486 dB
724.000 MHz
- 2:-.92790 dB
738.000 MHz
- 3:-20.413 dB
728.000 MHz
- 4:-31.121 dB
734.000 MHz

11 Mar 2011 10:12:56

CH1 S21 LOG 1 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -18 dB

5:-2.0276 dB 731.000 000 MHz
5:-22.791 dB



CH1 Markers

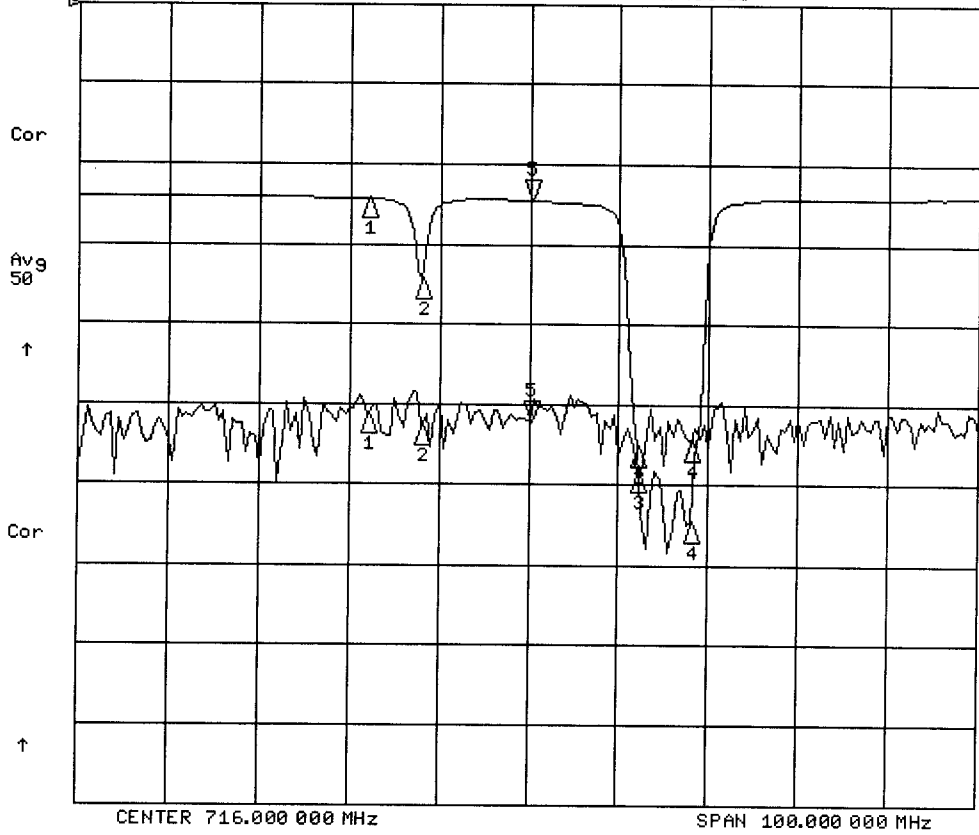
- 1:-32.030 dB
724.000 MHz
- 2:-33.217 dB
738.000 MHz
- 3:-2.6051 dB
728.000 MHz
- 4:-2.4916 dB
734.000 MHz

CH2 Markers

- 1:-1.0481 dB
724.000 MHz
- 2:-.92690 dB
738.000 MHz
- 3:-20.411 dB
728.000 MHz
- 4:-31.083 dB
734.000 MHz

11 Mar 2011 10:14:54

CH1 S21 LOG 20 dB/REF 0 dB 5:-104.50 dB 716.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-.27430 dB



CH1 Markers

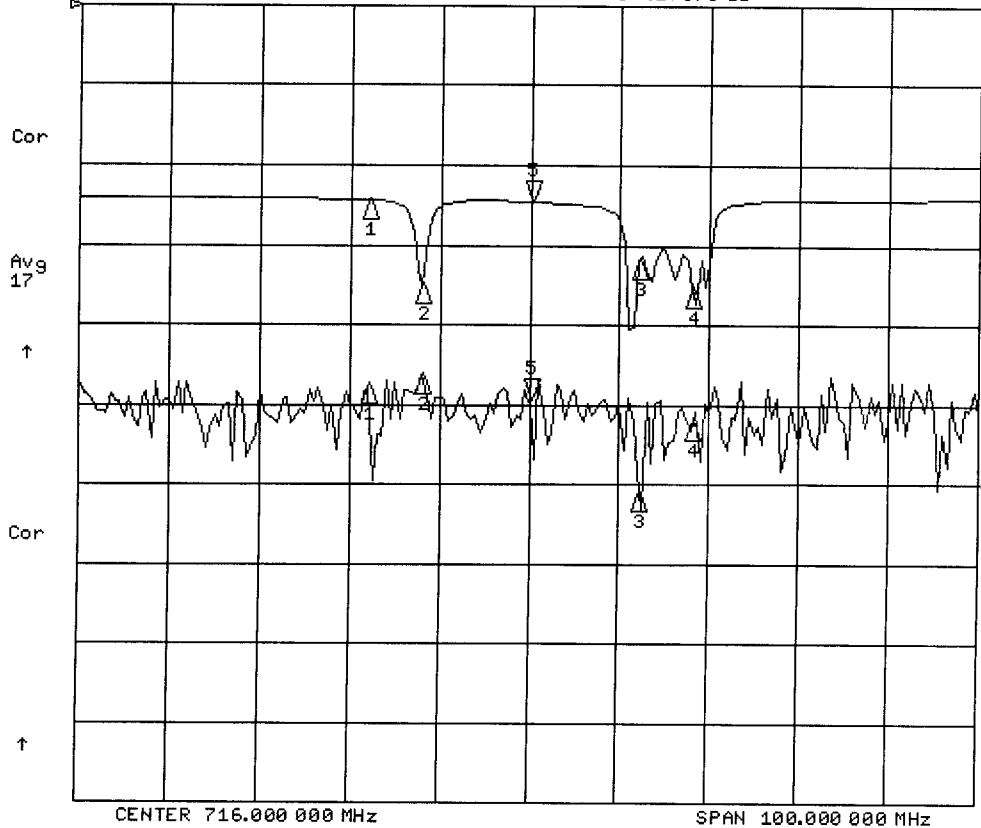
- 1:-102.69 dB
698.000 MHz
- 2:-105.31 dB
704.000 MHz
- 3:-116.90 dB
728.000 MHz
- 4:-109.40 dB
734.000 MHz

CH2 Markers

- 1:-.14790 dB
698.000 MHz
- 2:-5.2243 dB
704.000 MHz
- 3:-15.756 dB
728.000 MHz
- 4:-20.362 dB
734.000 MHz

11 Mar 2011 10:14:58

CH1 S21 LOG 20 dB/REF 0 dB 5:-98.853 dB 716.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-.27670 dB



CH1 Markers

- 1:-94.750 dB
698.000 MHz
- 2:-92.552 dB
704.000 MHz
- 3:-121.68 dB
728.000 MHz
- 4:-104.03 dB
734.000 MHz

CH2 Markers

- 1:-.14860 dB
698.000 MHz
- 2:-5.4475 dB
704.000 MHz
- 3:-3.8735 dB
728.000 MHz
- 4:-5.6650 dB
734.000 MHz