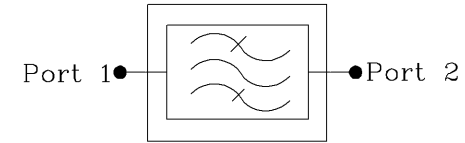
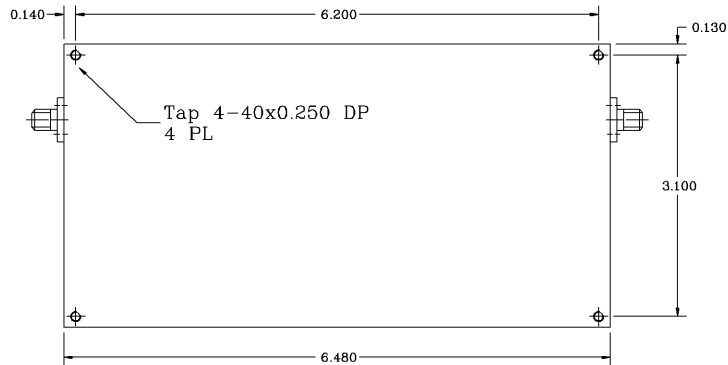
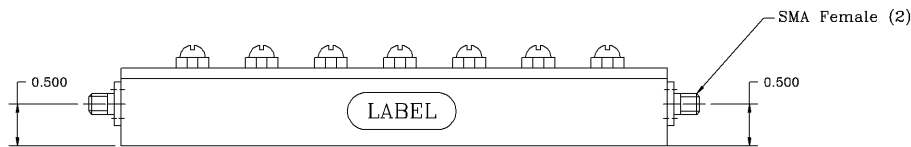
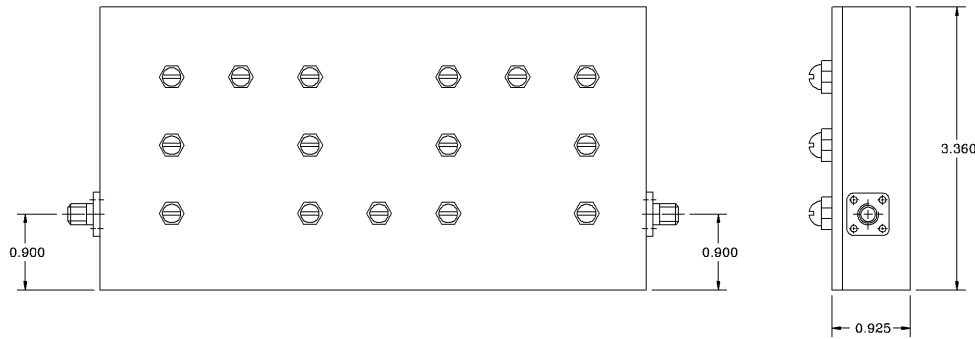


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *1dB Pass Band Frequency Range [MHz] : 3452 to 3460
- *Insertion Loss @ Fo [dB] : <2.5, 2.3 (Typ.)
- *Pass Band Ripple [dB] : <0.5 P-T-P
- *Attenuation @ +/-7.5 MHz from Fo [dB] : 25 (Min.), 28 (Typ.)
- @ +/-17.5 MHz from Fo [dB] : 50 (Min.), 55 (Typ.)
- @ +/-25 MHz from Fo [dB] : 60 (Min.), 65 (Typ.)
- *Ultimate Stop Band Attenuation [dB] : 70 (Min)
- *Group Delay Variation over Pass Band [nSec] : < 45
- *Pass Band Return Loss [dB] : -14 (Max.), <1.5:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 Watts
- *Input/Output @ DC Ground Potential

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

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.

NOTES:

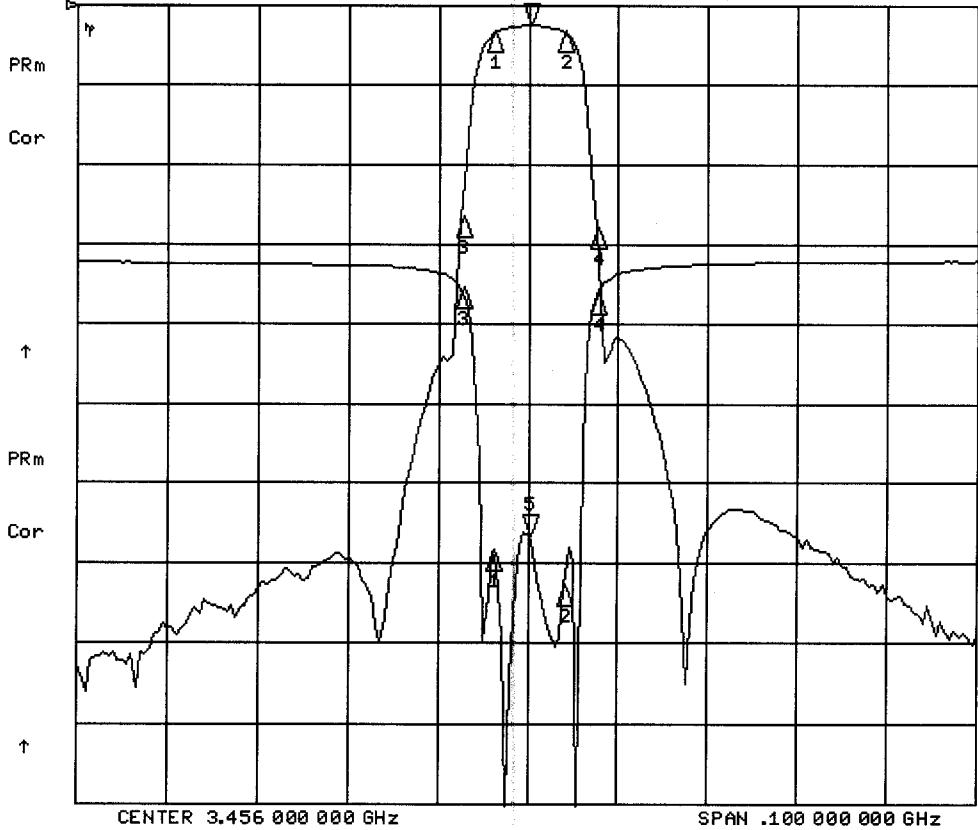
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		G-Way Microwave	
± 1°	X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE		
TREATMENT	CHECKED	DRAWN	Segal	07/08	Band Pass Filter 3.5 GHz CB3456/8SK-D
FINISH	63/	ENG.	DESIGN ACTIVITY	SIZE	CAGE CODE
MATERIAL	AL6061-T6	SCALE	None	A	3K1H4
				DWG NO:	REV.
				CB3456/8SK-D-1	0
				SHEET	1 OF 1

CB3456/PSK-D

28 Jul 2008 10:54:39

CH1 S21 LOG 10 dB/REF 0 dB 5:-2.4680 dB 3.456 000 000 GHz
 CH2 S11 LOG 5 dB/REF -14 dB 5:-17.315 dB



CH1 Markers

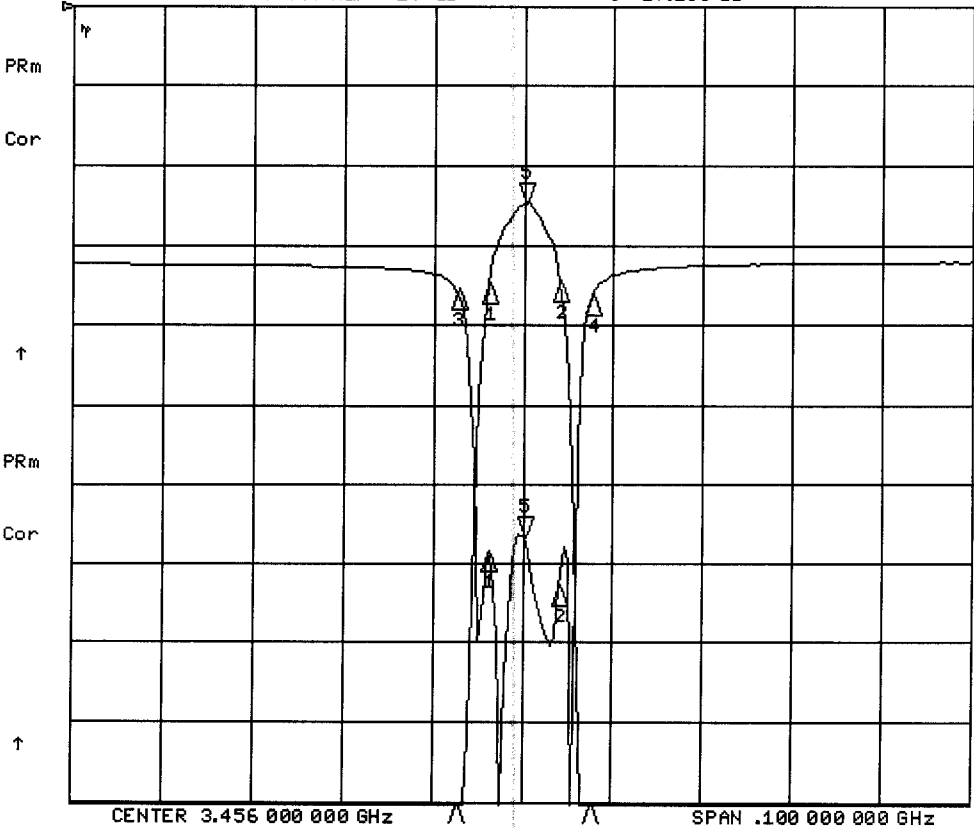
- 1:-3.4710 dB
3.45200 GHz
- 2:-3.4610 dB
3.46000 GHz
- 3:-26.668 dB
3.44850 GHz
- 4:-28.119 dB
3.46350 GHz

CH2 Markers

- 1:-18.259 dB
3.45200 GHz
- 2:-20.479 dB
3.46000 GHz
- 3:-1.8170 dB
3.44850 GHz
- 4:-2.2110 dB
3.46350 GHz

28 Jul 2008 10:54:52

CH1 S21 LOG 1 dB/REF 0 dB 5:-2.4680 dB 3.456 000 000 GHz
 CH2 S11 LOG 5 dB/REF -14 dB 5:-17.299 dB



CH1 Markers

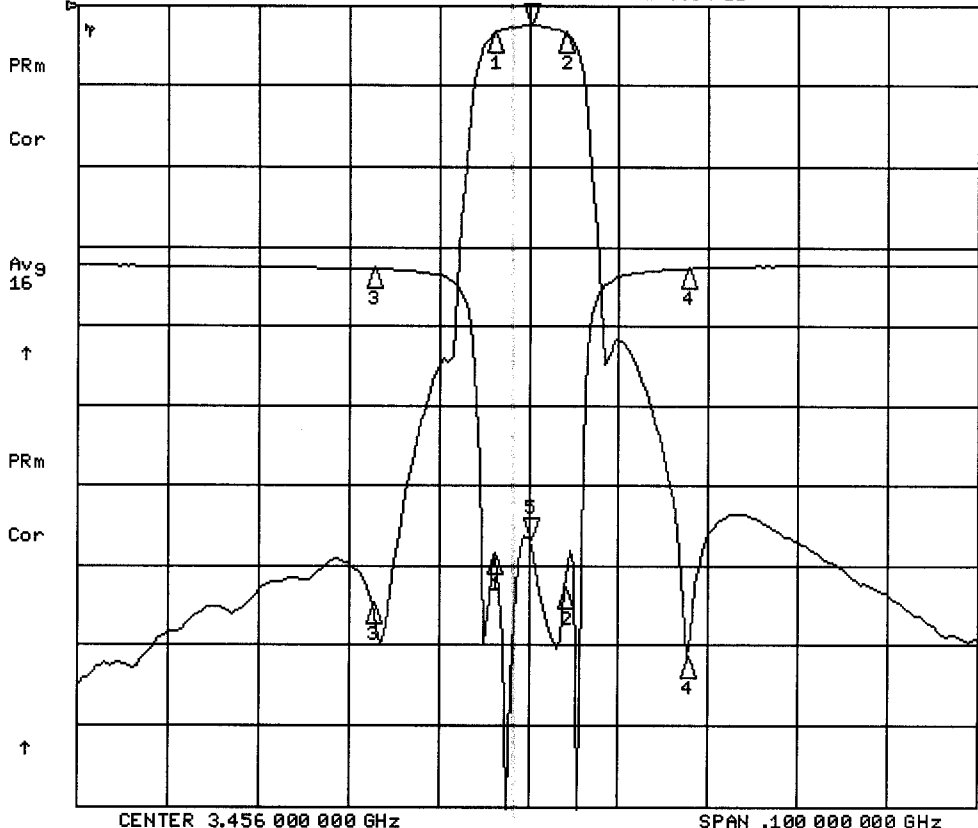
- 1:-3.4770 dB
3.45200 GHz
- 2:-3.4580 dB
3.46000 GHz
- 3:-26.661 dB
3.44850 GHz
- 4:-28.113 dB
3.46350 GHz

CH2 Markers

- 1:-18.266 dB
3.45200 GHz
- 2:-20.473 dB
3.46000 GHz
- 3:-1.8200 dB
3.44850 GHz
- 4:-2.2080 dB
3.46350 GHz

28 Jul 2008 10:55:22

CH1 S21 LOG 10 dB/REF 0 dB 5i-2.4650 dB 3.456 000 000 GHz
CH2 S11 LOG 5 dB/REF -14 dB 5i-17.334 dB



CH1 Markers

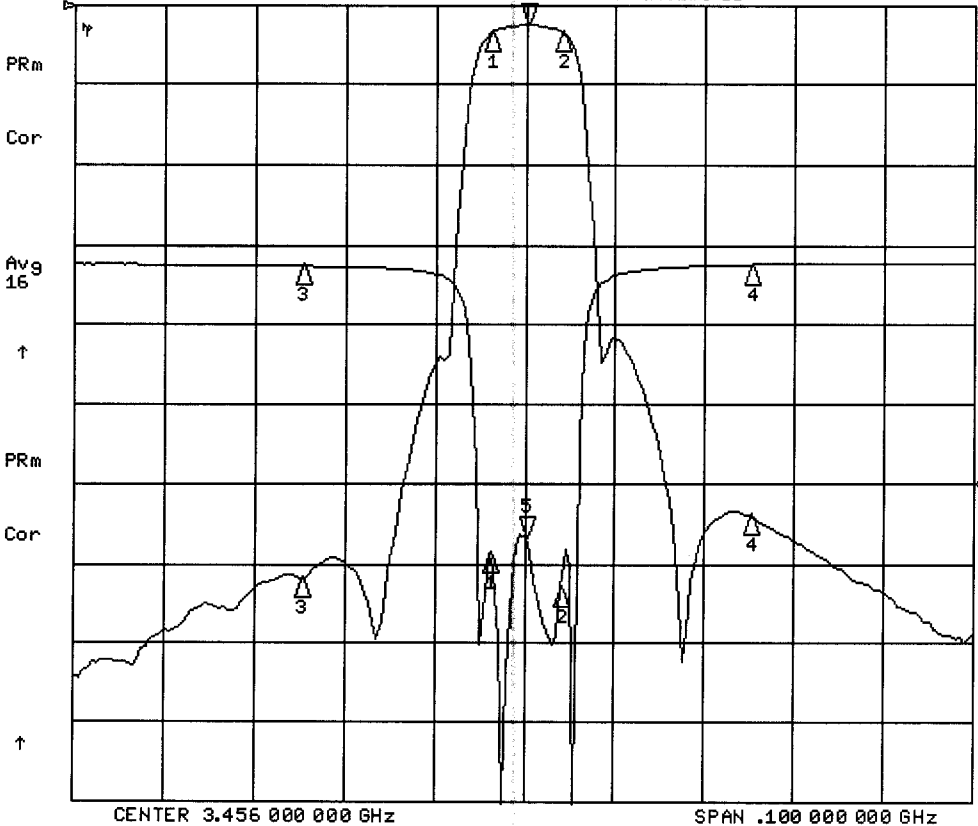
- 1i-3.4760 dB
3.45200 GHz
- 2i-3.4620 dB
3.46000 GHz
- 3i-74.765 dB
3.43850 GHz
- 4i-81.519 dB
3.47350 GHz

CH2 Markers

- 1i-18.253 dB
3.45200 GHz
- 2i-20.504 dB
3.46000 GHz
- 3i-40.300 dB
3.43850 GHz
- 4i-33.500 dB
3.47350 GHz

28 Jul 2008 10:55:37

CH1 S21 LOG 10 dB/REF 0 dB 5i-2.4690 dB 3.456 000 000 GHz
CH2 S11 LOG 5 dB/REF -14 dB 5i-17.299 dB



CH1 Markers

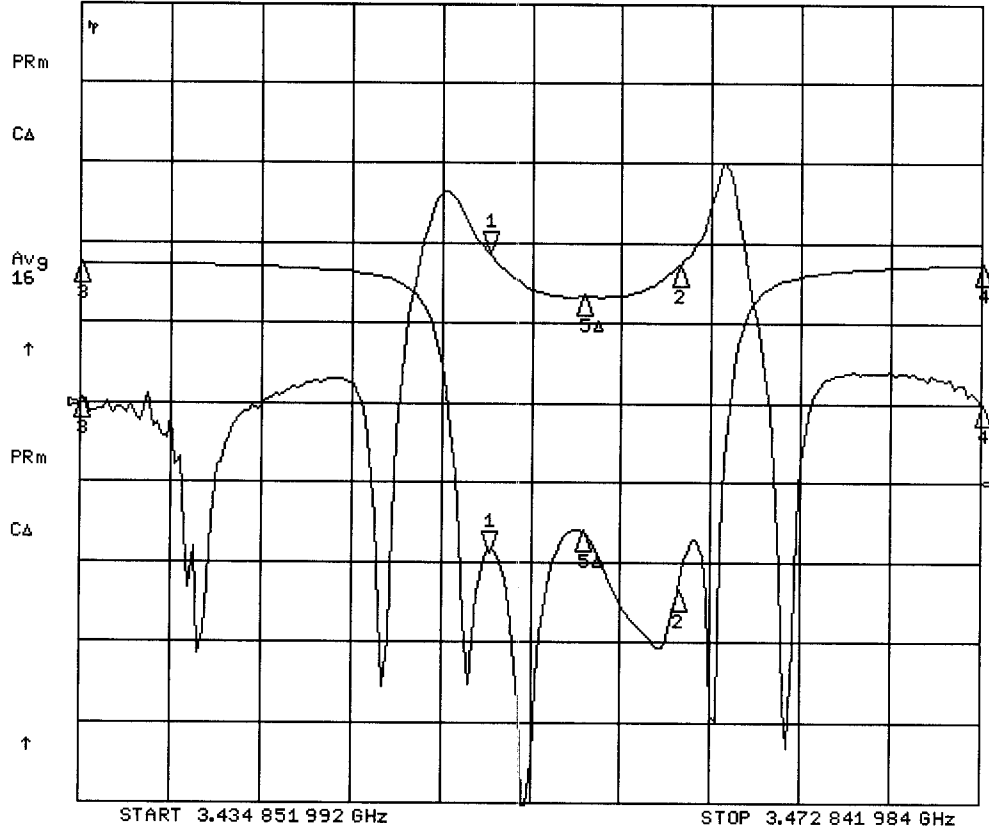
- 1i-3.4700 dB
3.45200 GHz
- 2i-3.4710 dB
3.46000 GHz
- 3i-71.740 dB
3.43100 GHz
- 4i-63.915 dB
3.48100 GHz

CH2 Markers

- 1i-18.238 dB
3.45200 GHz
- 2i-20.446 dB
3.46000 GHz
- 3i-29.600 dB
3.43100 GHz
- 4i-21.800 dB
3.48100 GHz

28 Jul 2008 11:04:38

CH1 S21 DEL 81.56 ns/REF 0 s 1: 43.675 ns -0.004 000 000 GHz
CH2 S11 LOG 5 dB/REF -14 dB 1: -1.2410 dB



CH1 Markers
1: REF=5
2: 30.644 ns
4.00000 MHz
3: -105.65 ns
-21.1480 MHz
4: -112.22 ns
16.8419 MHz
5: 0.0000 s
0.00000 Hz

CH2 Markers
2: -3.7380 dB
4.00000 MHz
3: 16.784 dB
-21.1480 MHz
4: 16.762 dB
16.8419 MHz
5: 0.0000 dB
0.00000 Hz