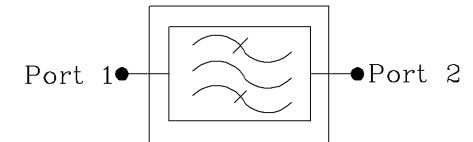
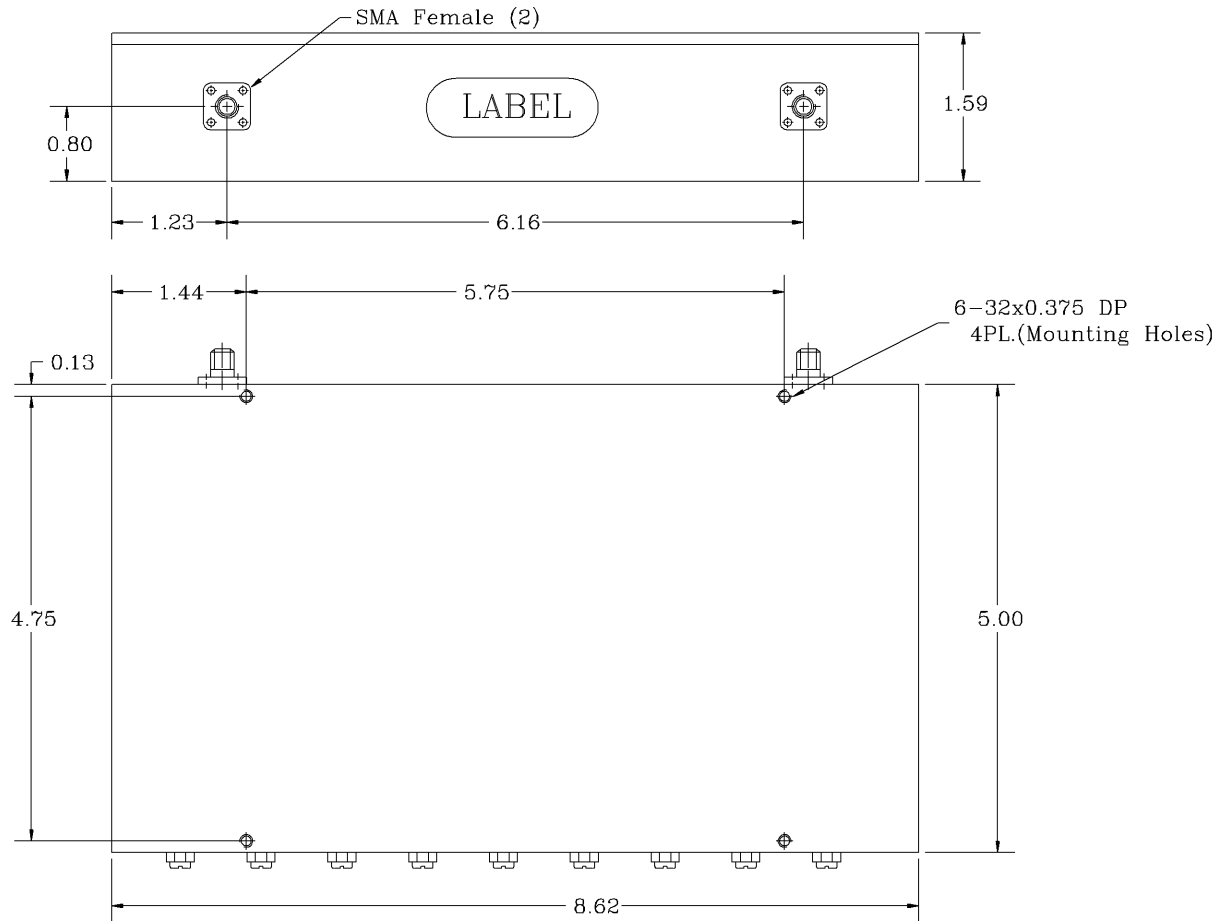


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 440 to 450
- *Pass Band Insertion Loss Including Ripple [dB] : <1.0
- *Pass Band Ripple [dB] : <0.4 P-T-P
- *Attenuation DC to 100 MHz [dB] : 70 (Min.)
- 400 to 430 MHz [dB] : 70 (Min.)
- 460 to 1230 MHz [dB] : 70 (Min.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 5 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -10°C TO +65°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

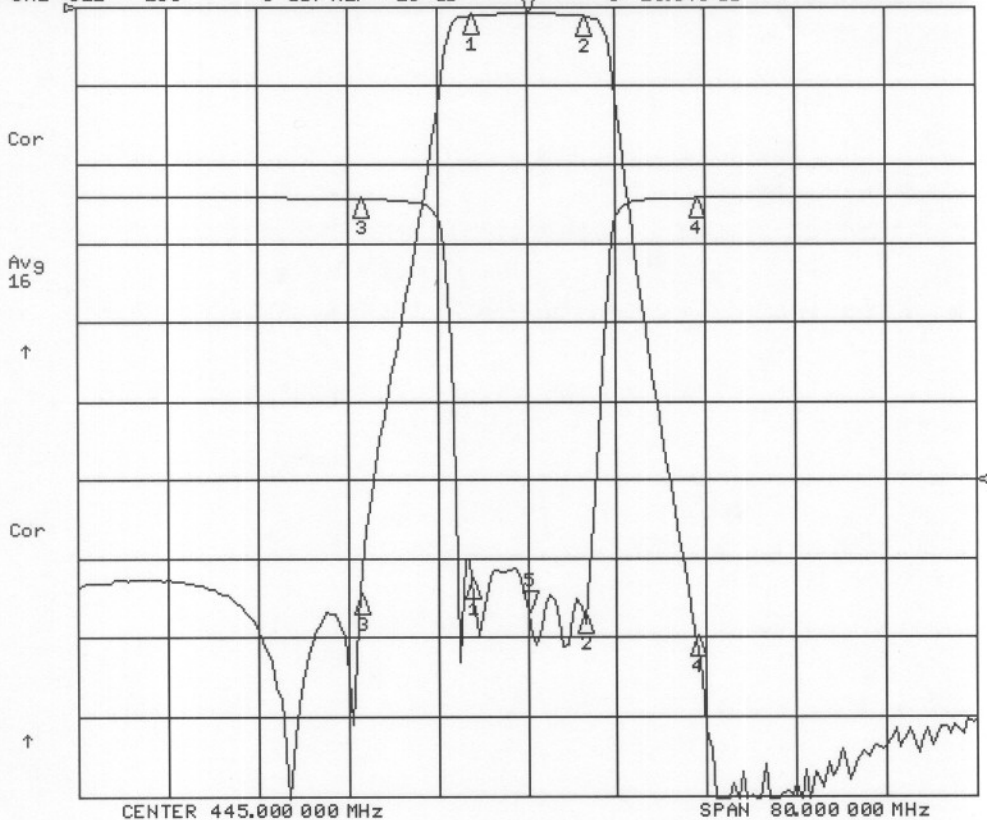
DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	12/06	Band Pass UHF		REV.	
TREATMENT	CHECKED			CB445/10SK-F2			
FINISH 63/	ENG.			SIZE	CAGE CODE	DWG NO:	
MATERIAL	DESIGN ACTIVITY			A	3K1H4	CB445/10SK-F2-1	0
				SCALE	None	SHEET 1 OF 1	

PLATED

CB 445/105K-F₂

13 Dec 2006 07:02:29

CH1 S21 LOG 10 dB/REF 0 dB 5: -1.85090 dB 445.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5: -26.346 dB



CH1 Markers

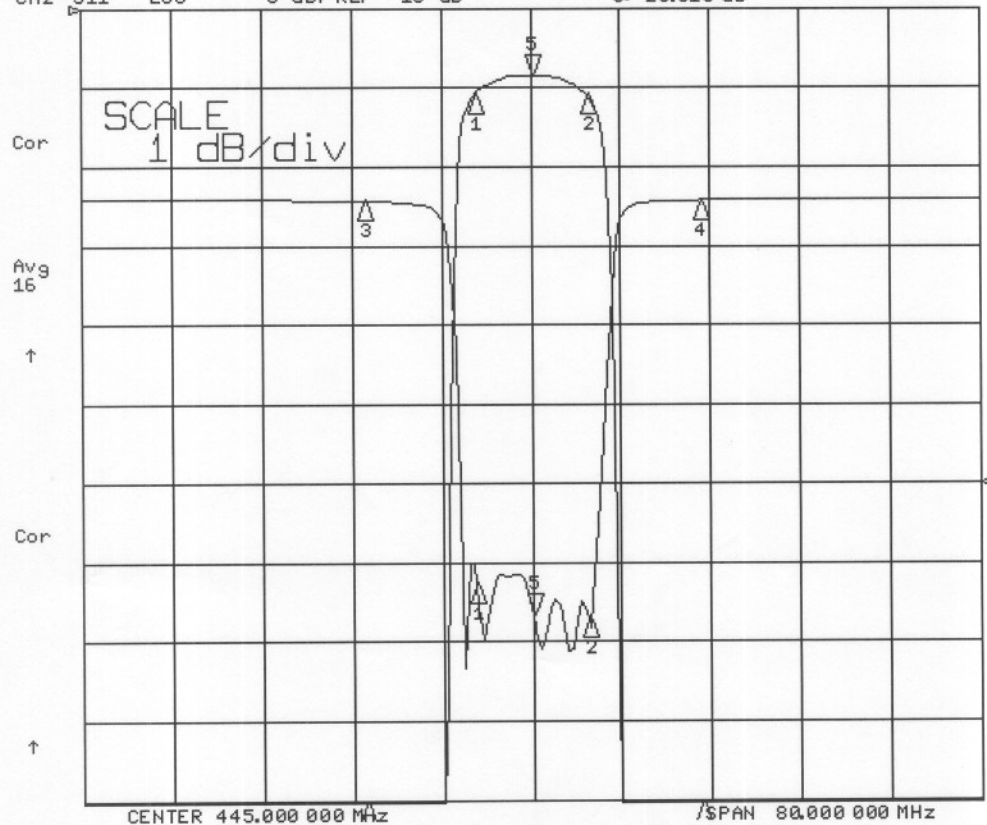
- 1: -1.0746 dB
440.000 MHz
- 2: -1.0924 dB
450.000 MHz
- 3: -74.623 dB
430.000 MHz
- 4: -79.775 dB
460.000 MHz

CH2 Markers

- 1: -24.351 dB
440.000 MHz
- 2: -26.544 dB
450.000 MHz
- 3: -17.520 dB
430.000 MHz
- 4: -10.050 dB
460.000 MHz

13 Dec 2006 07:02:33

CH1 S21 LOG 1 dB/REF 0 dB 5: -1.85210 dB 445.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5: -26.316 dB



CH1 Markers

- 1: -1.0741 dB
440.000 MHz
- 2: -1.0898 dB
450.000 MHz
- 3: -74.518 dB
430.000 MHz
- 4: -79.467 dB
460.000 MHz

CH2 Markers

- 1: -24.315 dB
440.000 MHz
- 2: -26.539 dB
450.000 MHz
- 3: -17.320 dB
430.000 MHz
- 4: -10.998 dB
460.000 MHz