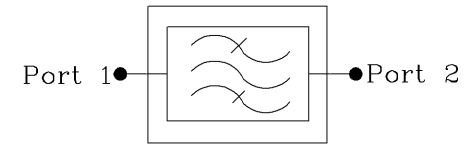
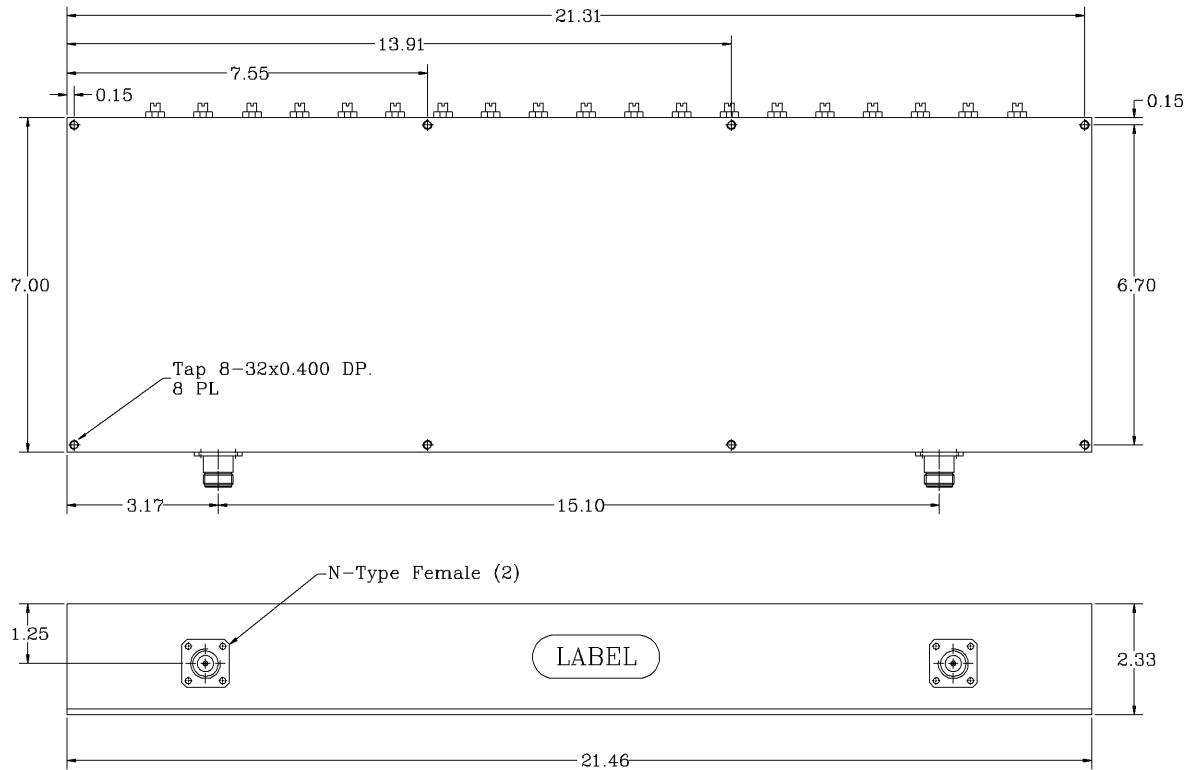


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

- \*Pass Frequency Range [MHz] : 440 to 442
- \*Pass Band Ripple [dB] : < 0.5 P-T-P
- \*Pass Band Insertion Loss [dB] : < 1.7, 1.5 (Typ.)
- \*Attenuation DC to 430 MHz [dB] : 80 (Min.), 90 (Typ.)
- 443 to 445 MHz [dB] : 30 (Min.), 35 (Typ.)
- 452 to 454 MHz [dB] : 80 (Min.), 90 (Typ.)
- 455 to 470 MHz [dB] : 80 (Min.), 90 (Typ.)
- \*Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 500 Watts
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -10°C TO +70°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:

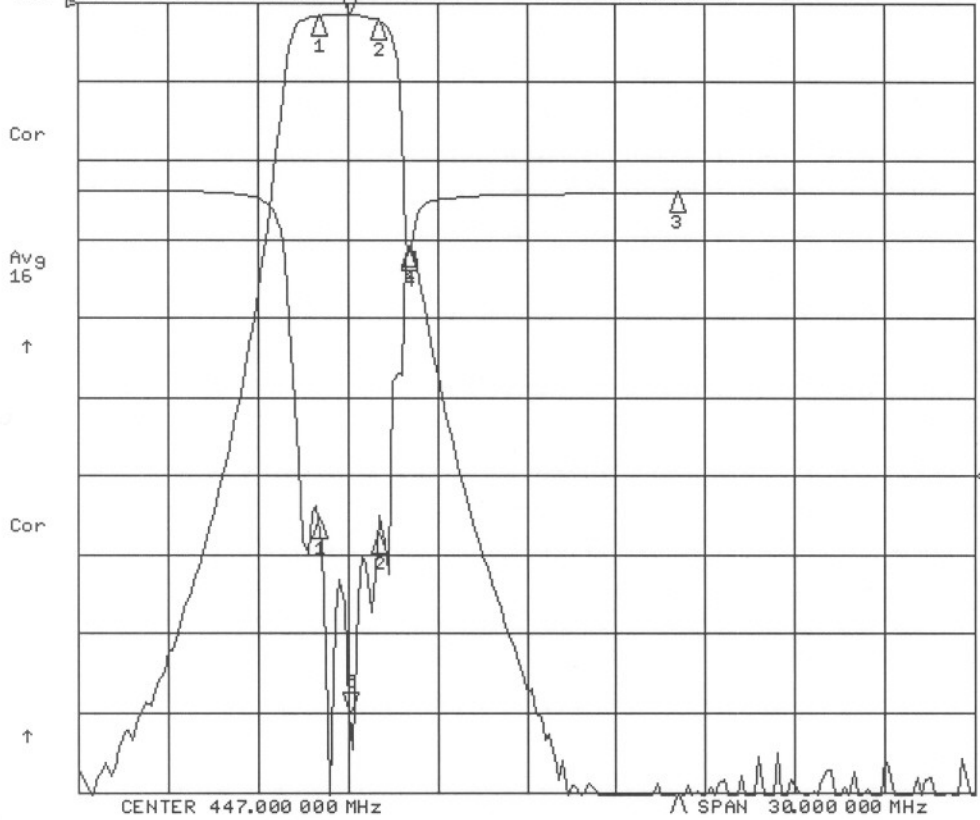
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN	Segal	10/06	CB441/2HK-F3		
TREATMENT	CHECKED	ENG.	DESIGN ACTIVITY	SIZE	CAGE CODE	DWG NO:	REV.
FINISH 63/				A	3K1H4	CB441/2HK-F3-1	0
MATERIAL AL6061-T6				SCALE	None		SHEET 1 OF 1

CB441/2HK-F3

16 Oct 2006 12:44:17

CH1 S21 LOG 10 dB/REF 0 dB 5:-1.5519 dB 441.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-32.988 dB



CH1 Markers

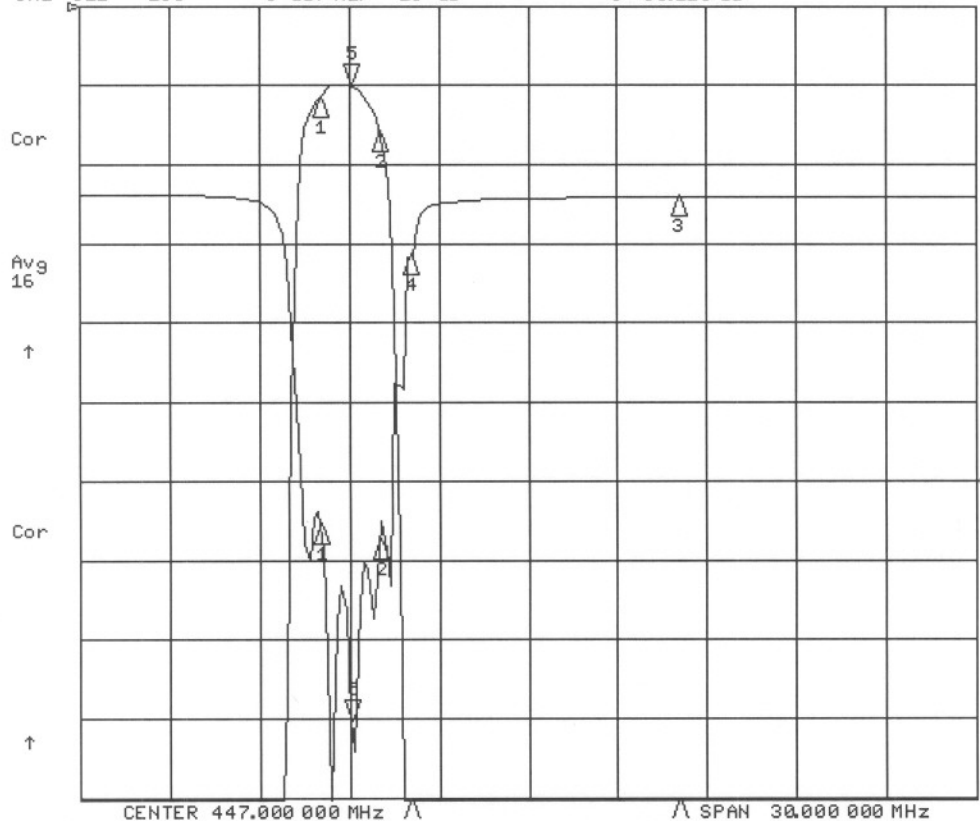
- 1:-1.7075 dB  
440.000 MHz
- 2:-2.1350 dB  
442.000 MHz
- 3:-104.70 dB  
452.000 MHz
- 4:-30.978 dB  
443.000 MHz

CH2 Markers

- 1:-20.736 dB  
440.000 MHz
- 2:-21.714 dB  
442.000 MHz
- 3:-04500 dB  
452.000 MHz
- 4:-3.8209 dB  
443.000 MHz

16 Oct 2006 12:44:28

CH1 S21 LOG 1 dB/REF -0.549 dB 5:-1.5529 dB 441.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-33.123 dB



CH1 Markers

- 1:-1.7099 dB  
440.000 MHz
- 2:-2.1386 dB  
442.000 MHz
- 3:-100.59 dB  
452.000 MHz
- 4:-31.018 dB  
443.000 MHz

CH2 Markers

- 1:-20.731 dB  
440.000 MHz
- 2:-21.707 dB  
442.000 MHz
- 3:-04490 dB  
452.000 MHz
- 4:-3.7978 dB  
443.000 MHz