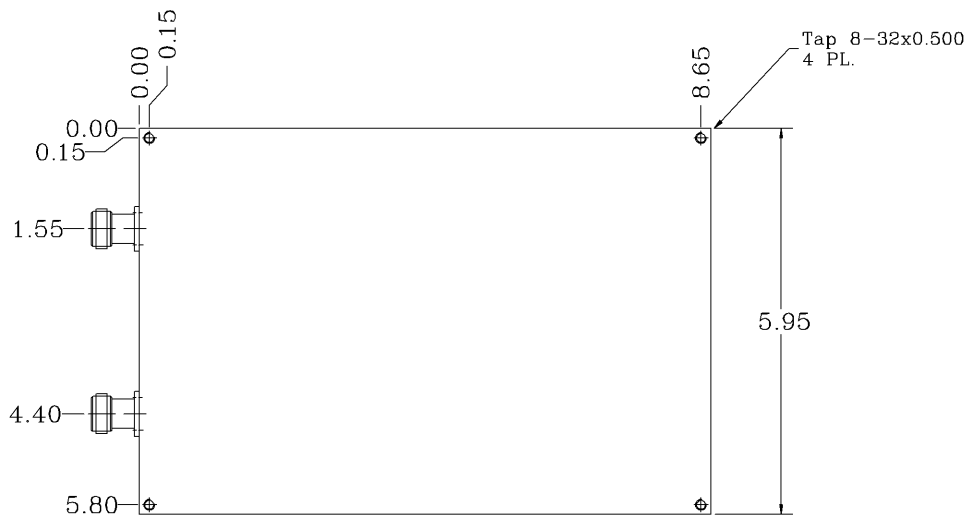
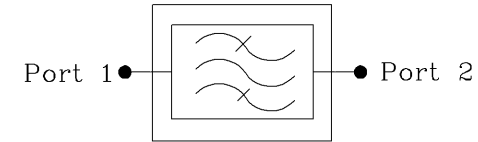
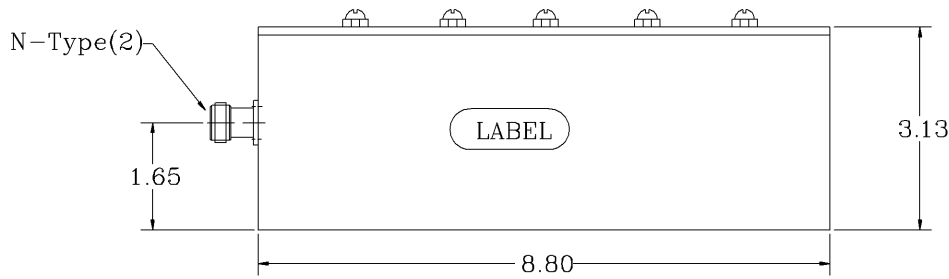


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Center Frequency [MHz] : 845.75
- *Insertion Loss @ Center Frequency [dB] : < 2.5, 2.2 (Typ.)
- *1dB Pass Band Frequency Range [MHz] : 845 to 846.5
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Attenuation @ DC to 836 MHz [dB] : 70 (Min.), 75 (Typ.)
- @ Passband +/- 1 MHz [dB] : 35 (Min.), 38 (Typ.)
- @ 855 to 1990 MHz [dB] : 70 (Min.), 75 (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 : 40 Watts

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.

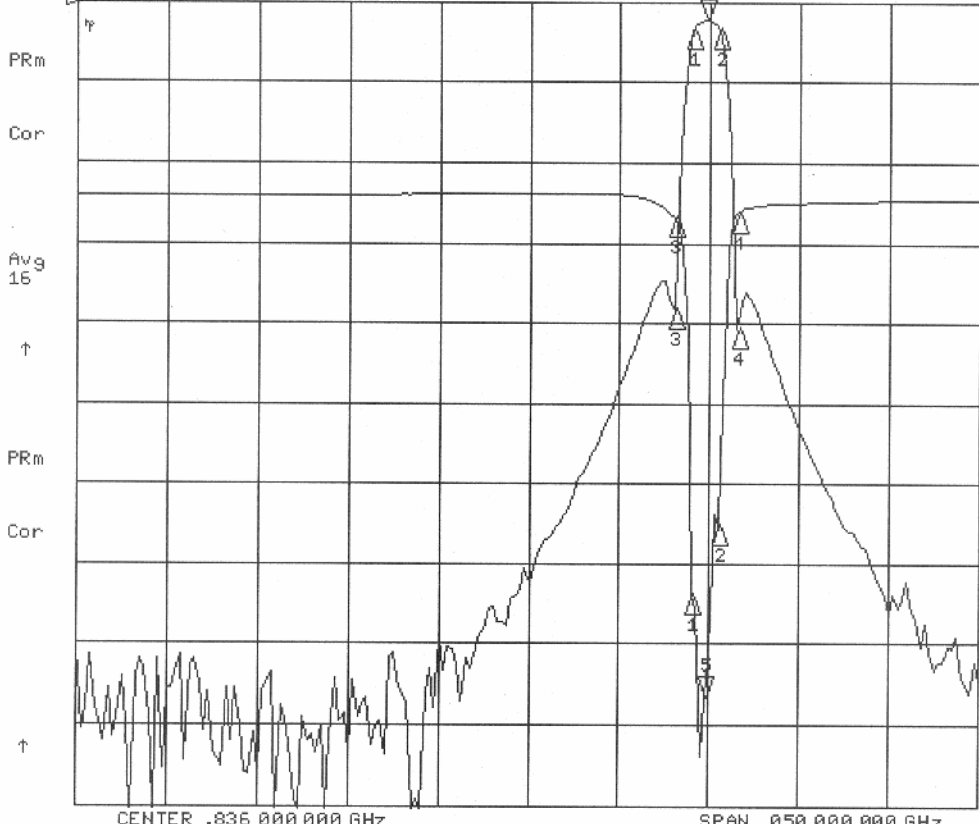
NOTES:

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

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Way Microwave			
TOLERANCES ARE ANGLES DECIMALS		APPROVALS DATE					
± 1"	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Sivak 05/04		High "Q" Cell B' UL		REV.	
TREATMENT		CHECKED		CB845.75/1.5MK-S1		0	
FINISH 63/		ENG. DESIGN ACTIVITY		SIZE	CAGE CODE	DWG NO:	
MATERIAL AL6061-T6				A	3K1H4	CB845.75/1.5MK-S1-1	
				SCALE	None		SHEET 1 OF 1

CBP45.75/1.5MK-31

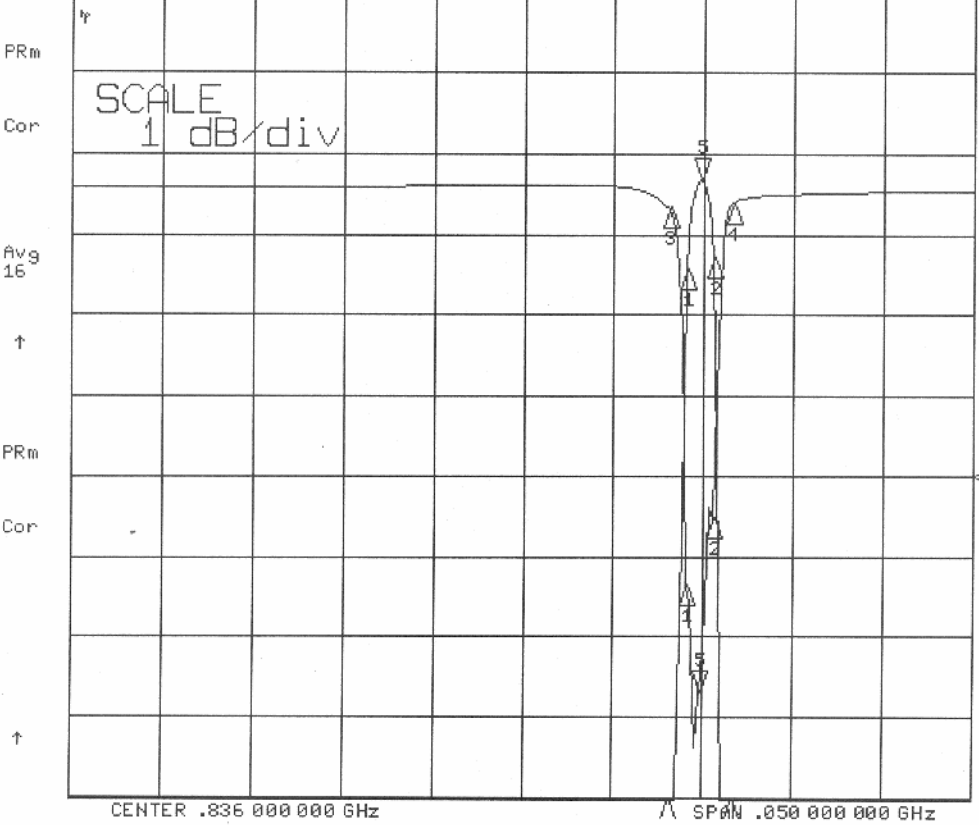
23 May 2004 23:37:13
 [CH1] S21 LOG 10 dB/REF 0 dB 5:-2.3000 dB .845 750 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-31.364 dB



CH1 Markers
 1:-3.4470 dB
 845.000 MHz
 2:-3.3050 dB
 846.500 MHz
 3:-38.216 dB
 844.000 MHz
 4:-40.639 dB
 847.500 MHz

CH2 Markers
 1:-24.895 dB
 845.000 MHz
 2:-20.618 dB
 846.500 MHz
 3:-1.4340 dB
 844.000 MHz
 4:-1.1000 dB
 847.500 MHz

23 May 2004 23:37:17
 [CH1] S21 LOG 1 dB/REF 0 dB 5:-2.3020 dB .845 750 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-31.402 dB



CH1 Markers
 1:-3.4400 dB
 845.000 MHz
 2:-3.3060 dB
 846.500 MHz
 3:-38.221 dB
 844.000 MHz
 4:-40.638 dB
 847.500 MHz

CH2 Markers
 1:-24.860 dB
 845.000 MHz
 2:-20.602 dB
 846.500 MHz
 3:-1.4240 dB
 844.000 MHz
 4:-1.1040 dB
 847.500 MHz