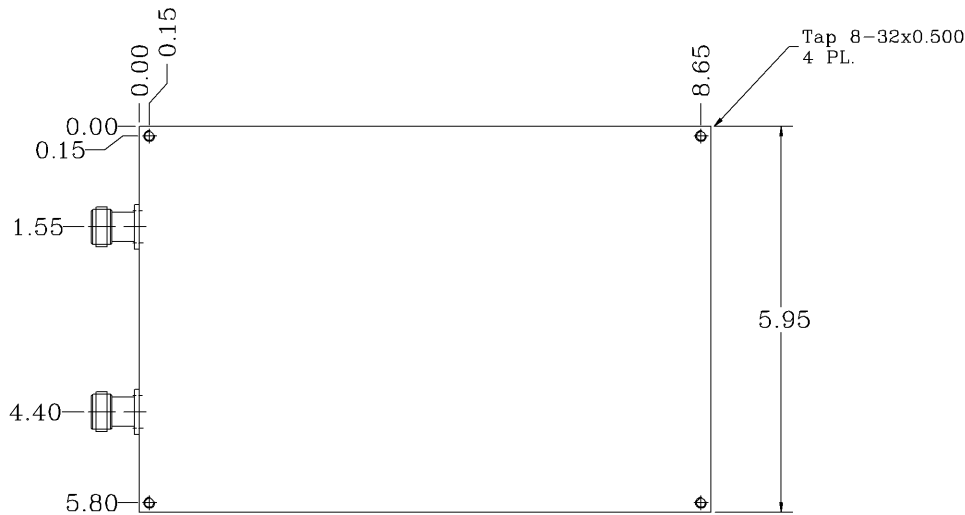
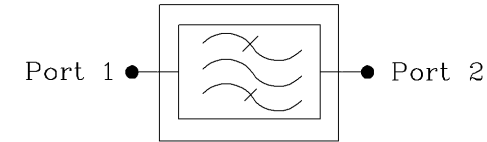
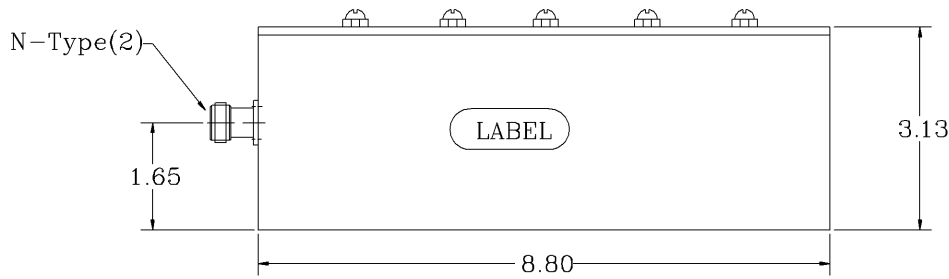


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Center Frequency [MHz] : 890.75
- *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 880 MHz [dB] : 70 (Min.), 75 (Typ.)
- @ Passband +/- 1 MHz [dB] : 35 (Min.), 38 (Typ.)
- @ 900 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:

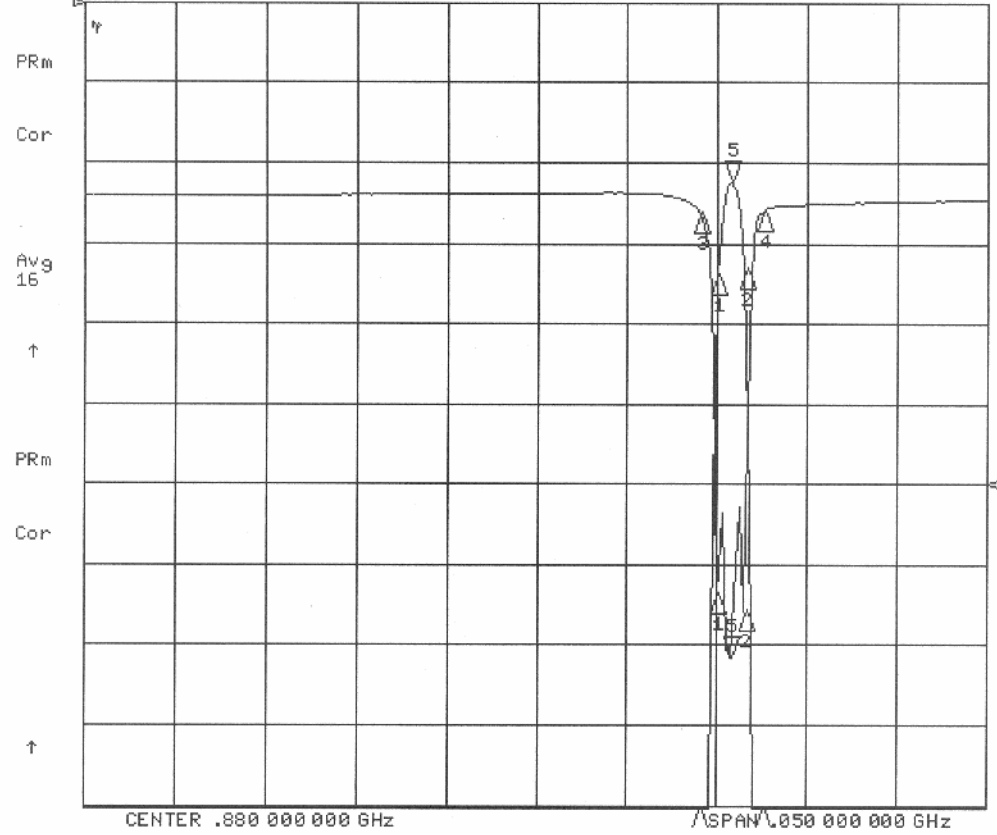
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Way Microwave	
TOLERANCES ARE		APPROVALS			
ANGLES	DECIMALS	DATE	DRAWN Sivak 05/04		
± 1°	.X ± .05 .XX ± .01 .XXX ± .003		CB890.75/1.5MK-S1		
TREATMENT	CHECKED		SIZE	CAGE CODE	DWG NO:
FINISH 63/	ENG.		A	3K1H4	CB890.75/1.5MK-S1-1
MATERIAL AL6061-T6	DESIGN ACTIVITY		SCALE	None	REV. 0
				SHEET	1 OF 1

CB890.75/1.5MHz-51

23 May 2004 23:19:55

CH1 S21 LOG 1 dB/REF 0 dB 5:-2.2420 dB .890 750 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-28.831 dB



CH1 Markers

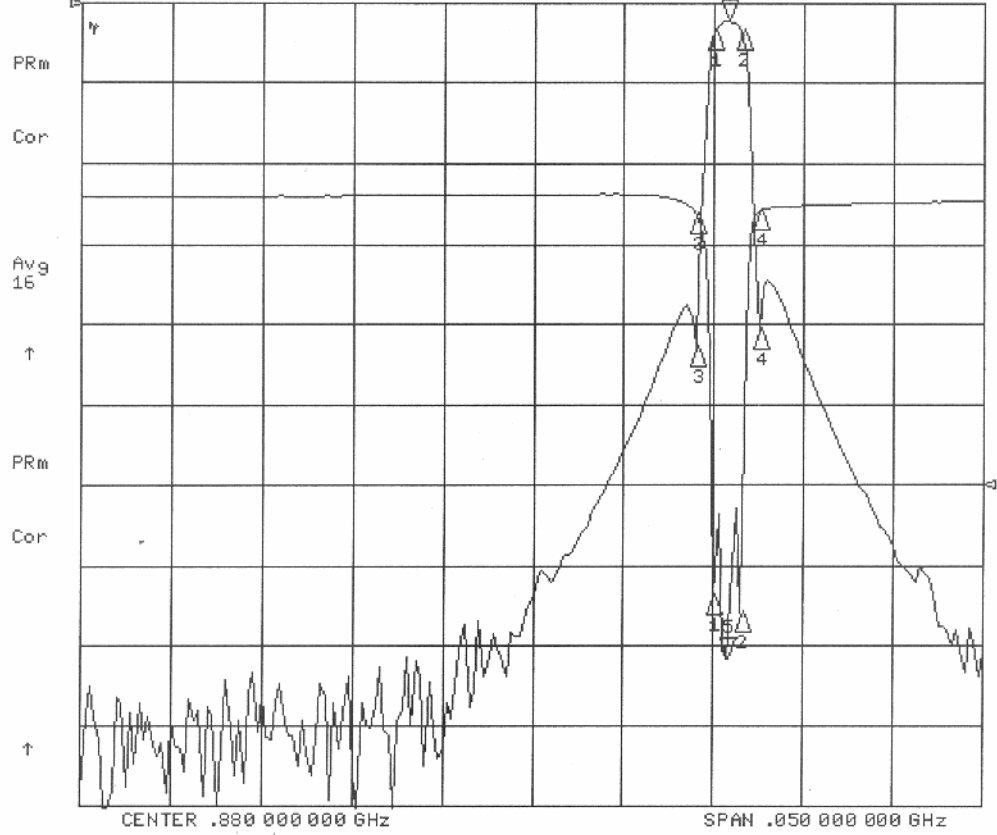
- 1:-3.4060 dB
890.000 MHz
- 2:-3.3110 dB
891.500 MHz
- 3:-42.766 dB
889.000 MHz
- 4:-40.691 dB
892.500 MHz

CH2 Markers

- 1:-24.817 dB
890.000 MHz
- 2:-25.935 dB
891.500 MHz
- 3:-1.1640 dB
889.000 MHz
- 4:-.94600 dB
892.500 MHz

23 May 2004 23:19:59

CH1 S21 LOG 10 dB/REF 0 dB 5:-2.2400 dB .890 750 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-28.831 dB



CH1 Markers

- 1:-3.4060 dB
890.000 MHz
- 2:-3.3130 dB
891.500 MHz
- 3:-42.769 dB
889.000 MHz
- 4:-40.696 dB
892.500 MHz

CH2 Markers

- 1:-24.796 dB
890.000 MHz
- 2:-25.931 dB
891.500 MHz
- 3:-1.1680 dB
889.000 MHz
- 4:-.94000 dB
892.500 MHz