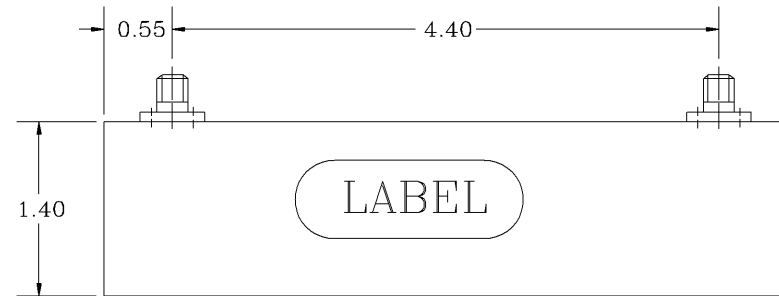
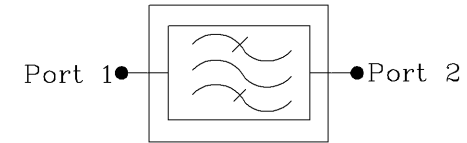
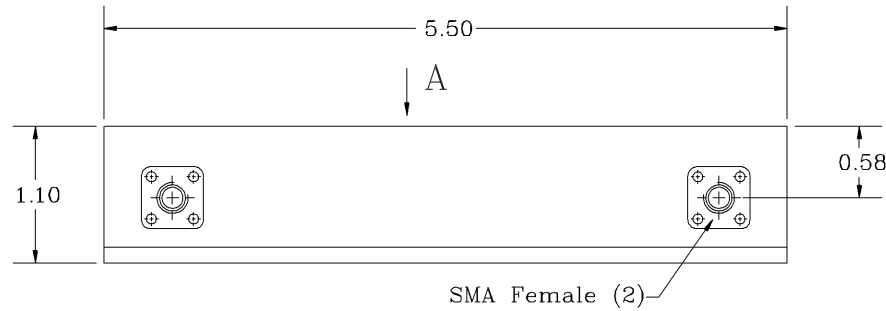
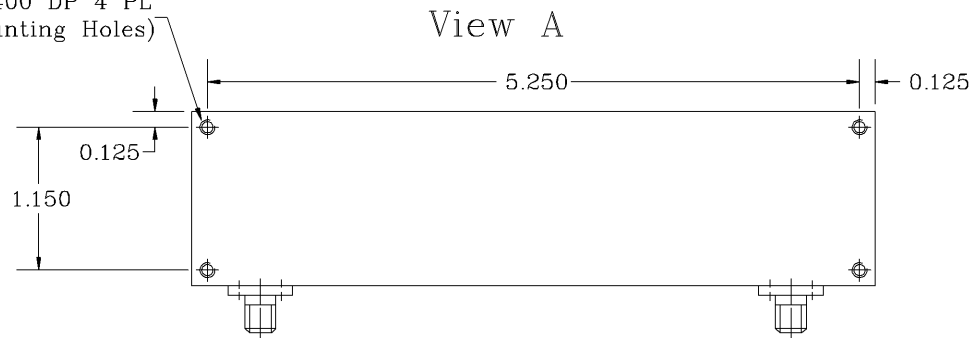


REVISIONS			
REV		DATE	APPROVED



Tap 4-40x0.400 DP 4 PL
(Mounting Holes)



View A

Electrical Specifications

- *Pass Band Frequency Range [MHz] : 1805 to 1880
- *Pass Band Insertion Loss [dB] : < 0.4, 0.2 (Typ.)
- *Pass Band Ripple [dB] : < 0.3 P-T-P
- *Attenuation @ DC to 1720 MHz [dB] : 35 (Min.), 40 (Typ.)
- @ 1960 to 5600 MHz [dB] : 35 (Min.), 40 (Typ.)
- *Ultimate Stop Band Attenuation [dB] : 80 (Min)
- *Pass Band Return Loss [dB] : -17 (Max.) <1.32:1
- *Input/Output Impedance : 50 ohm
- *Input/Output @ DC Ground Potential
- *RF Power Capability Average : 30 Watts

OPERATING TEMPERATURE RANGE: -10°C TO +80°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 1996.

NOTES:

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

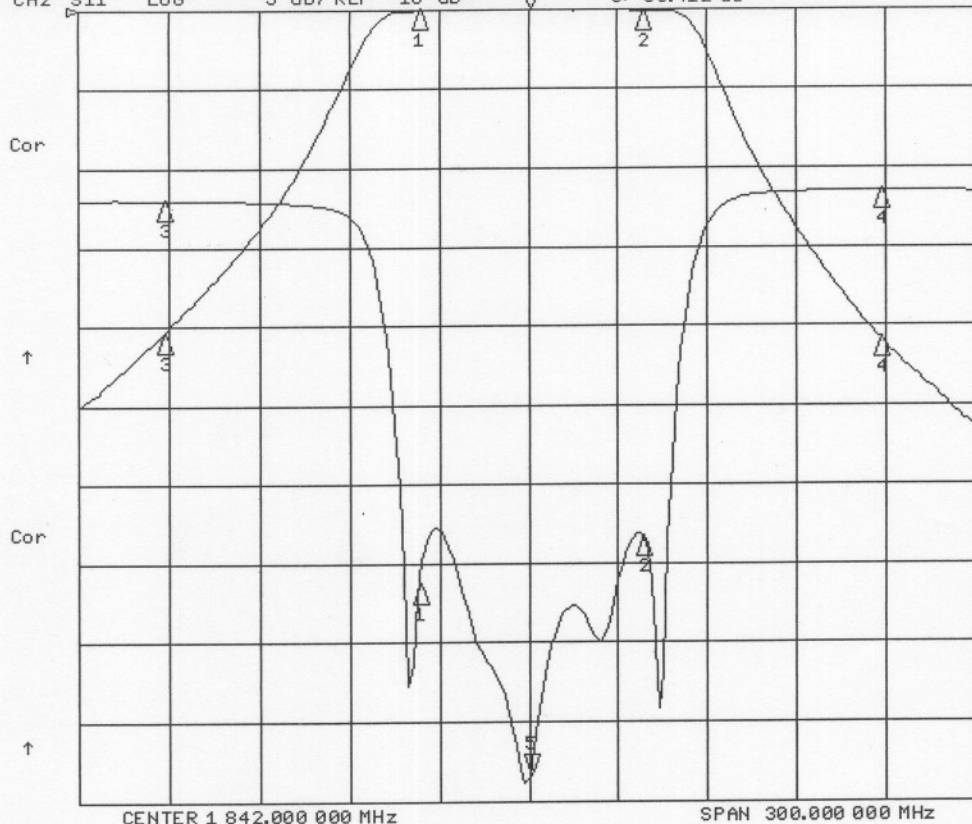
DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	07/00	Band Pass 1842 MHz		REV.	
TREATMENT	CHECKED	DESIGN ACTIVITY		CAGE CODE DWG NO:		0	
FINISH 63/	ENG.	MATERIAL AL6061-T6		A	3K1H4	CB1842/75SK-C-1	SHEET 1 OF 1
				SCALE None			

CB 1842/750K-C

S/N: 03061161

23 Jun 2003 05:07:22

CH1 S21 LOG 10 dB/REF 0 dB 5 5:-10.250 dB 1 842.030 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-36.412 dB



CH1 Markers

- 1:-13.660 dB
1.80500 GHz
- 2:-17.900 dB
1.88000 GHz
- 3:-40.932 dB
1.72003 GHz
- 4:-41.569 dB
1.96000 GHz

Drags

CH2 Markers

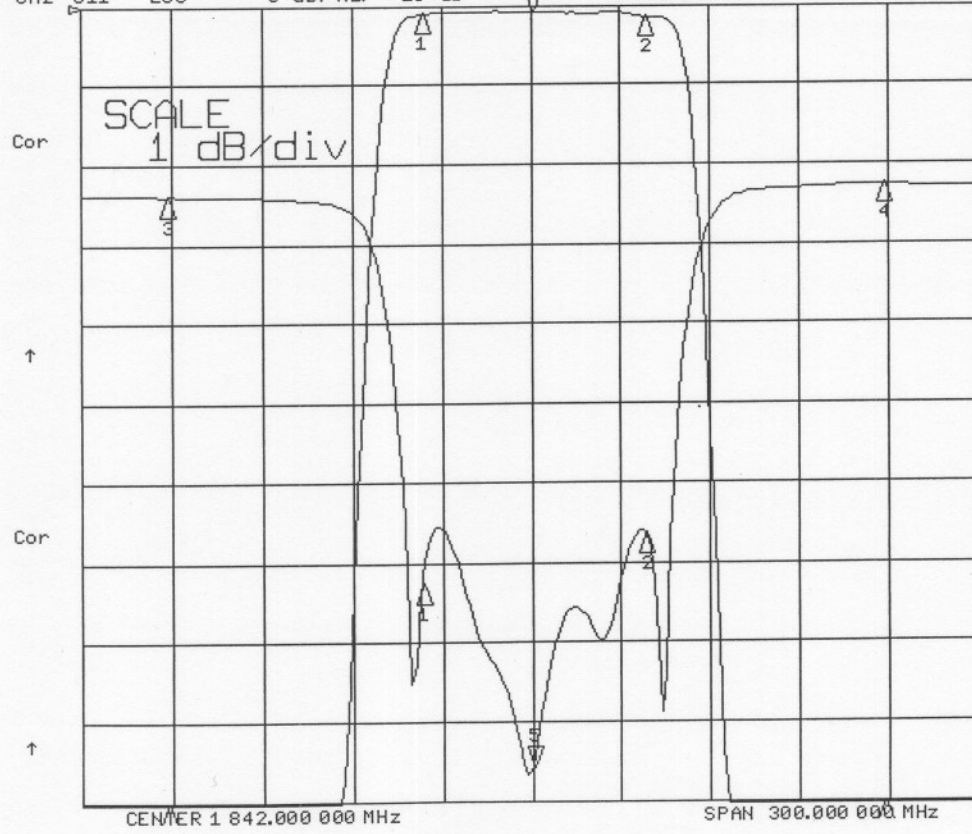
- 1:-24.337 dB
1.80500 GHz
- 2:-21.300 dB
1.88000 GHz
- 3:-0.1770 dB
1.72003 GHz
- 4:-.60420 dB
1.96000 GHz

CENTER 1 842.000 000 MHz

SPAN 300.000 000 MHz

23 Jun 2003 05:08:28

CH1 S21 LOG 1 dB/REF 0 dB 5 5:-.06400 dB 1 842.030 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5 5:-35.945 dB



CH1 Markers

- 1:-.09280 dB
1.80500 GHz
- 2:-1.3870 dB
1.88000 GHz
- 3:-40.823 dB
1.72003 GHz
- 4:-41.561 dB
1.96000 GHz

CH2 Markers

- 1:-24.311 dB
1.80500 GHz
- 2:-21.206 dB
1.88000 GHz
- 3:-.00650 dB
1.72003 GHz
- 4:-.63400 dB
1.96000 GHz

CENTER 1 842.000 000 MHz

SPAN 300.000 000 MHz