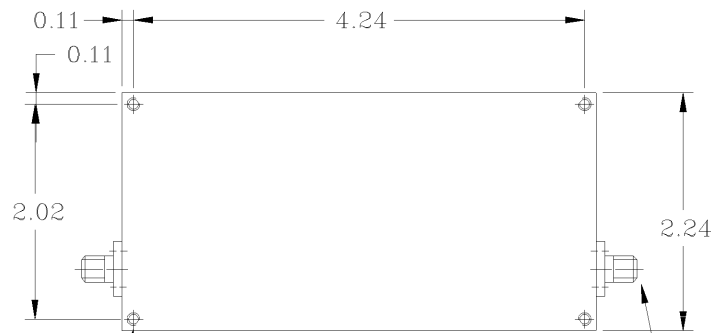
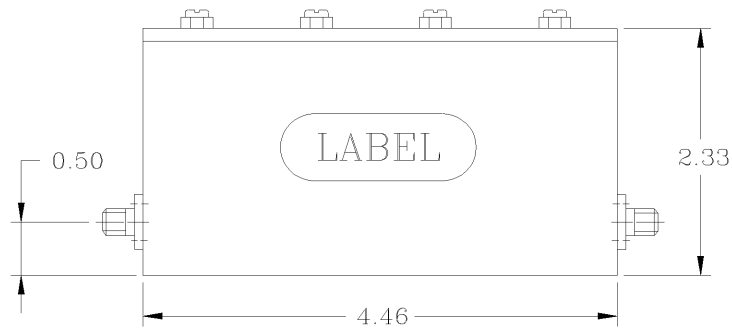
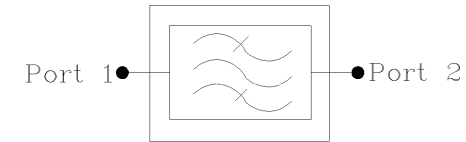


REVISIONS			
REV		DATE	APPROVED



Tap 4-40x0.300 DP. SMA FEMALE (2)  
4PL.



### Electrical Specifications

- \*Pass Band Range [MHz] : 835 to 849
- \*Pass Band Insertion Loss [dB] : <1.1
- \*Insertion Loss @ 835 MHz [dB] : <4.0
- \*Pass Band Ripple [dB] : <0.6 P-T-P
- \*Rejection @ 824 to 833 MHz [dB] : 40 (Min.), 45 (Typ.)
- \*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: -20°C TO +75°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:

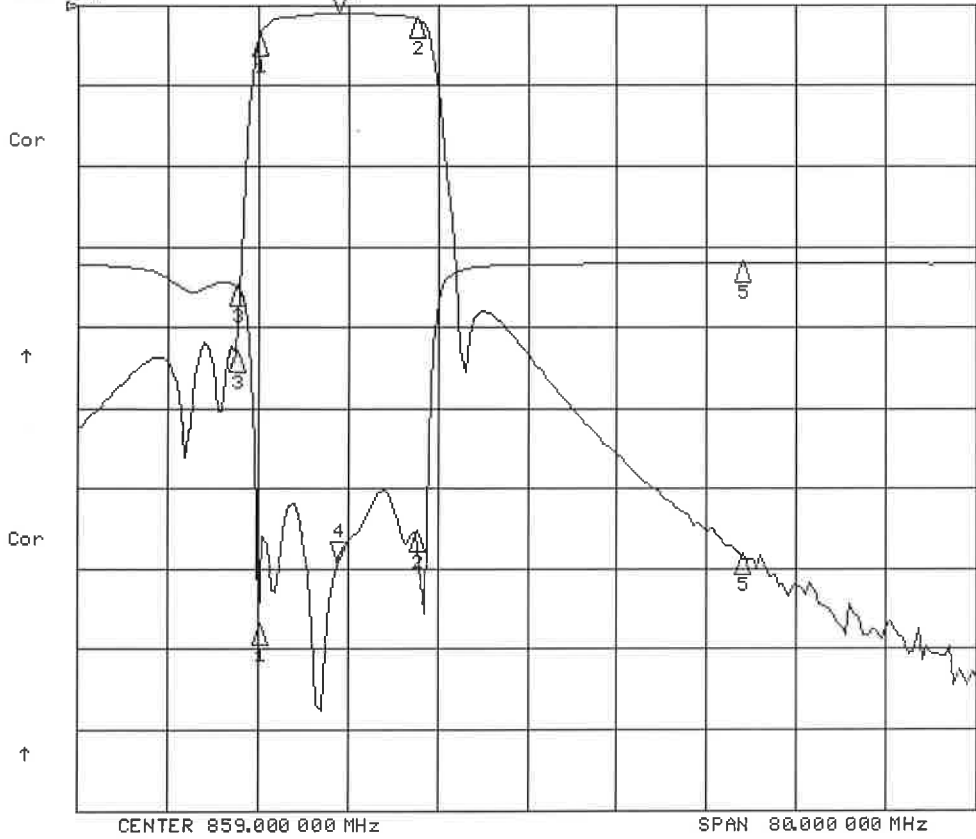
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES		CONTRACT NO:		<b>G-Way Microwave</b>	
TOLERANCES ARE ANGLES DECIMALS		APPROVALS DATE			
± 1"	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak 02/04		CB842/14SK-B2S	
TREATMENT	CHECKED	ENG.		SIZE	CAGE CODE
FINISH 63/	DESIGN ACTIVITY	DWG NO:		A	3K1H4
MATERIAL		REV. 0		SCALE None	SHEET 1 OF 1

CB 842/145K-B25

2 Oct 2014 12:44:24

CH1 S21 LOG 10 dB/REF 0 dB 4:-1.0034 dB 842.000 000 MHz  
CH2 S11 LOG 5 dB/REF -14 dB 4:-18.711 dB



CH1 Markers

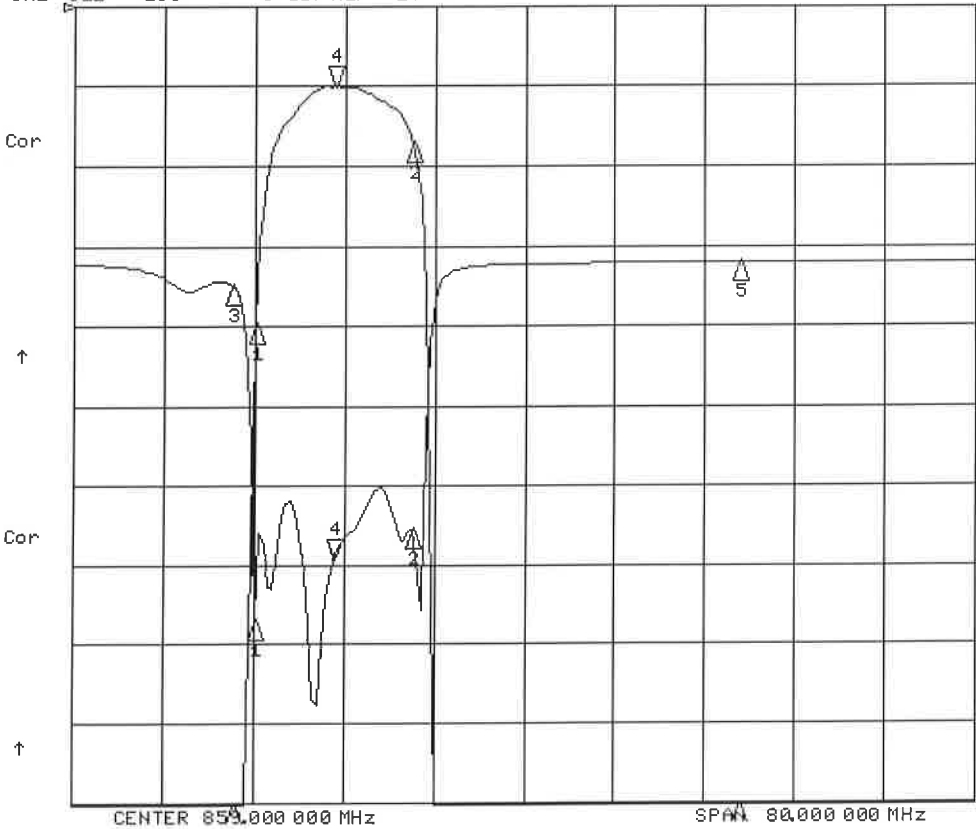
1:-3.9744 dB  
835.000 MHz  
2:-1.7084 dB  
849.000 MHz  
3:-43.187 dB  
833.000 MHz  
5:-68.412 dB  
878.000 MHz

CH2 Markers

1:-22.529 dB  
835.000 MHz  
2:-16.695 dB  
849.000 MHz  
3:-1.4794 dB  
833.000 MHz  
5:-.05710 dB  
878.000 MHz

2 Oct 2014 12:44:29

CH1 S21 LOG 1 dB/REF 0 dB 4:-1.0038 dB 842.000 000 MHz  
CH2 S11 LOG 5 dB/REF -14 dB 4:-18.710 dB



CH1 Markers

1:-3.9696 dB  
835.000 MHz  
2:-1.7113 dB  
849.000 MHz  
3:-43.197 dB  
833.000 MHz  
5:-68.708 dB  
878.000 MHz

CH2 Markers

1:-22.525 dB  
835.000 MHz  
2:-16.679 dB  
849.000 MHz  
3:-1.4815 dB  
833.000 MHz  
5:-.05730 dB  
878.000 MHz