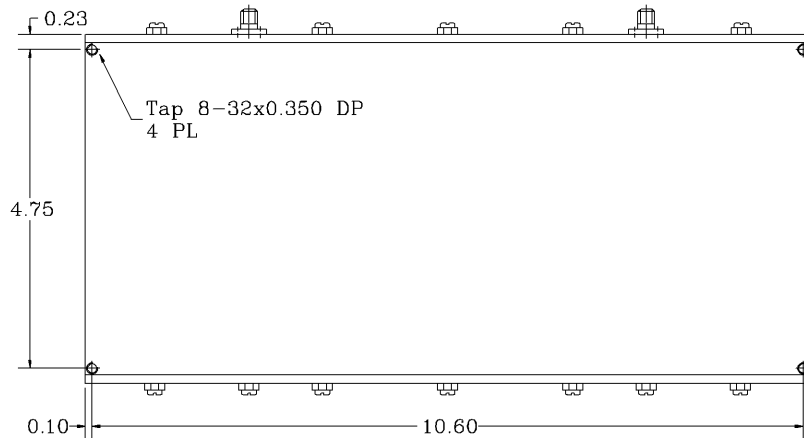
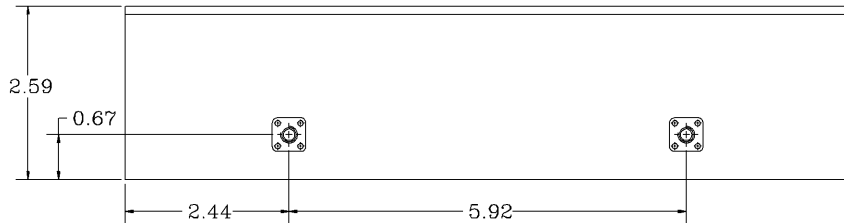
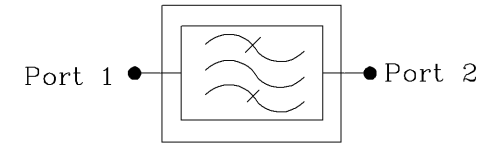
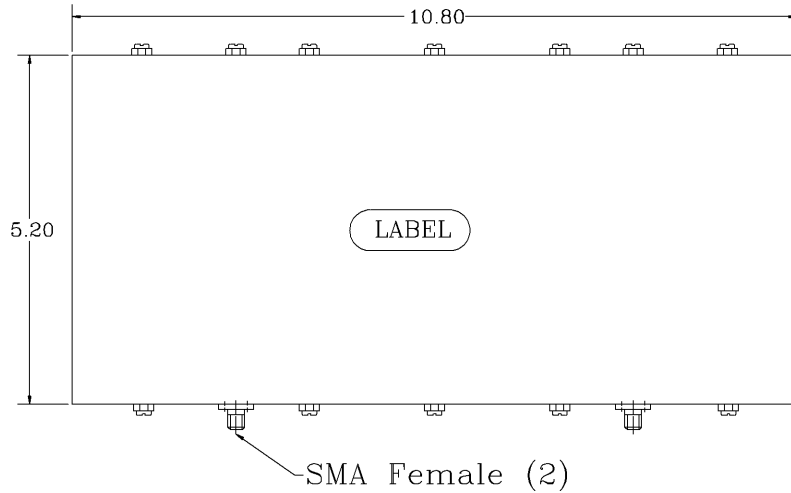


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

*1dB Pass Band Frequency Range [MHz]	: 456.5 to 458.5
*Passband Insertion Loss @ Fo [dB]	: <1.5, 1.3 (Typ.)
*Passband Ripple [dB]	: <0.5 P-T-P
*Attenuation @ DC to 453 MHz [dB]	: 40 (Min.), 42 (Typ.)
@ 461.5 MHz [dB]	: 40 (Min.), 42 (Typ.)
*Pass Band Return Loss [dB]	: -18 (Max.), <1.28:1
*Input/Output Impedance	: 50 ohm
*RF Power Capability CW	: 8 Watts
*Input/Output @ DC Ground Potential	

OPERATING TEMPERATURE RANGE: -20°C TO +55°C

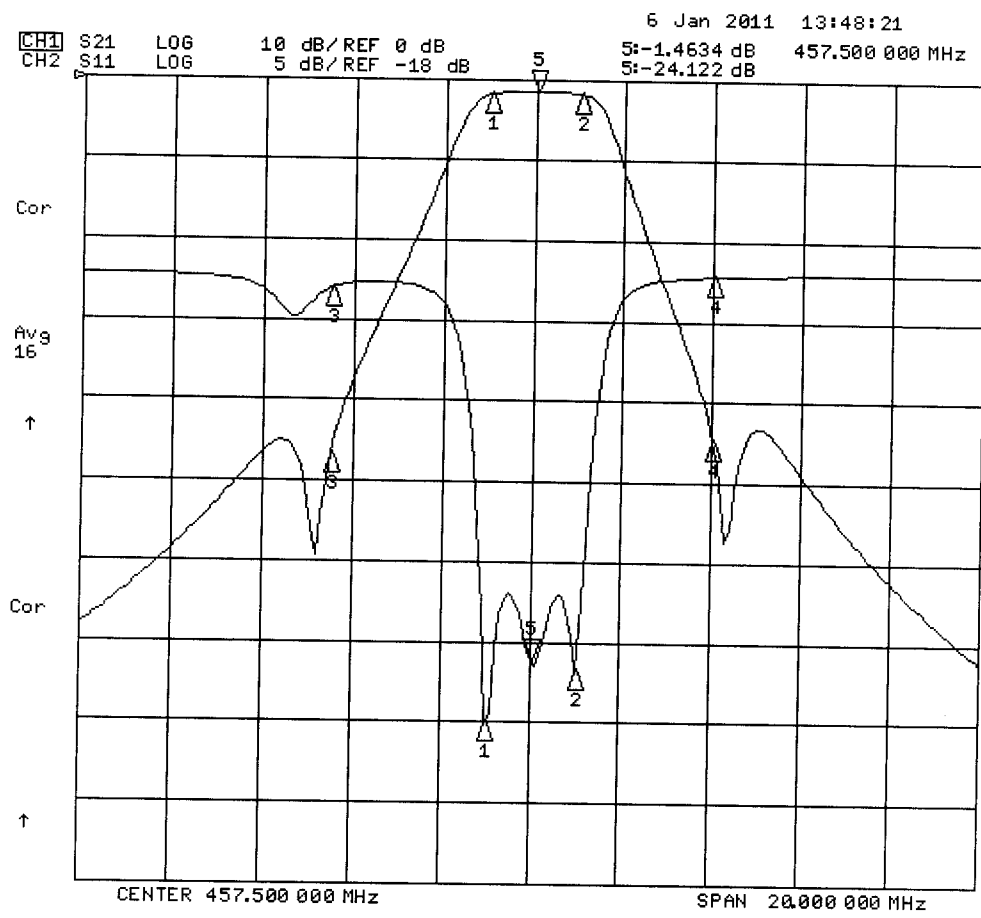
PROPRIETARY DOCUMENT:  
THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

#### NOTES:

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

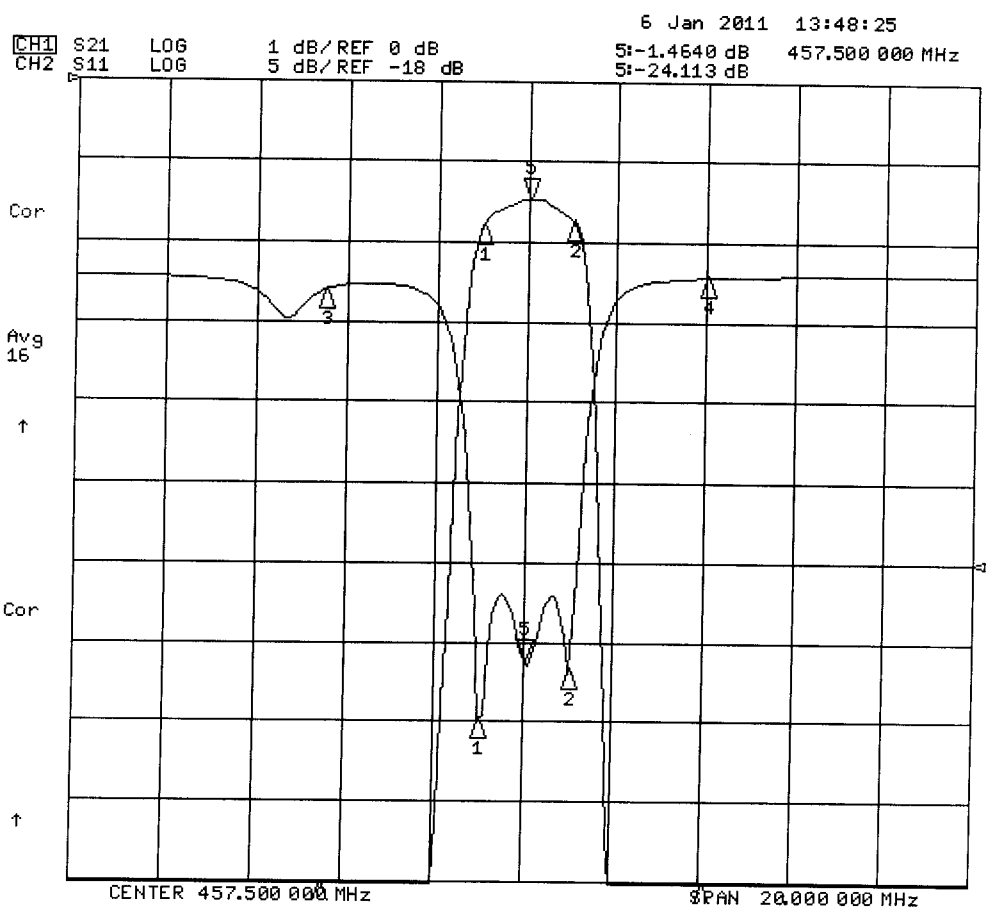
DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS ± 1" X ± .05 XX ± .01 XXX ± .003		CONTRACT NO:		<b>G-Way Microwave</b>			
TREATMENT		APPROVALS	DATE			TITLE High"Q" Band Pass 457.5 MHz CB457.5/2SK-F1	
FINISH 63/		DRAWN Segal 11/06		SIZE	CAGE CODE	DWG NO:	REV.
MATERIAL AL6061-T6		CHECKED		A	3K1H4	CB457.5/2SK-F1-1	0
		DESIGN ACTIVITY		SCALE None		SHEET 1 OF 1	

*CB457.5/2SK-F1*



- CH1 Markers
- 1:-1.7870 dB  
456.500 MHz
  - 2:-1.7376 dB  
458.500 MHz
  - 3:-46.722 dB  
453.000 MHz
  - 4:-44.732 dB  
461.500 MHz

- CH2 Markers
- 1:-27.897 dB  
456.500 MHz
  - 2:-24.686 dB  
458.500 MHz
  - 3:-1.0354 dB  
453.000 MHz
  - 4:-20.420 dB  
461.500 MHz



- CH1 Markers
- 1:-1.7880 dB  
456.500 MHz
  - 2:-1.7365 dB  
458.500 MHz
  - 3:-46.707 dB  
453.000 MHz
  - 4:-44.734 dB  
461.500 MHz

- CH2 Markers
- 1:-27.797 dB  
456.500 MHz
  - 2:-24.669 dB  
458.500 MHz
  - 3:-1.0320 dB  
453.000 MHz
  - 4:-20.160 dB  
461.500 MHz