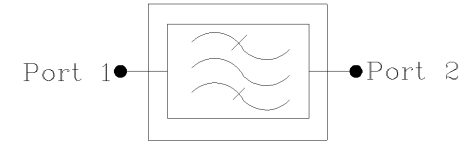
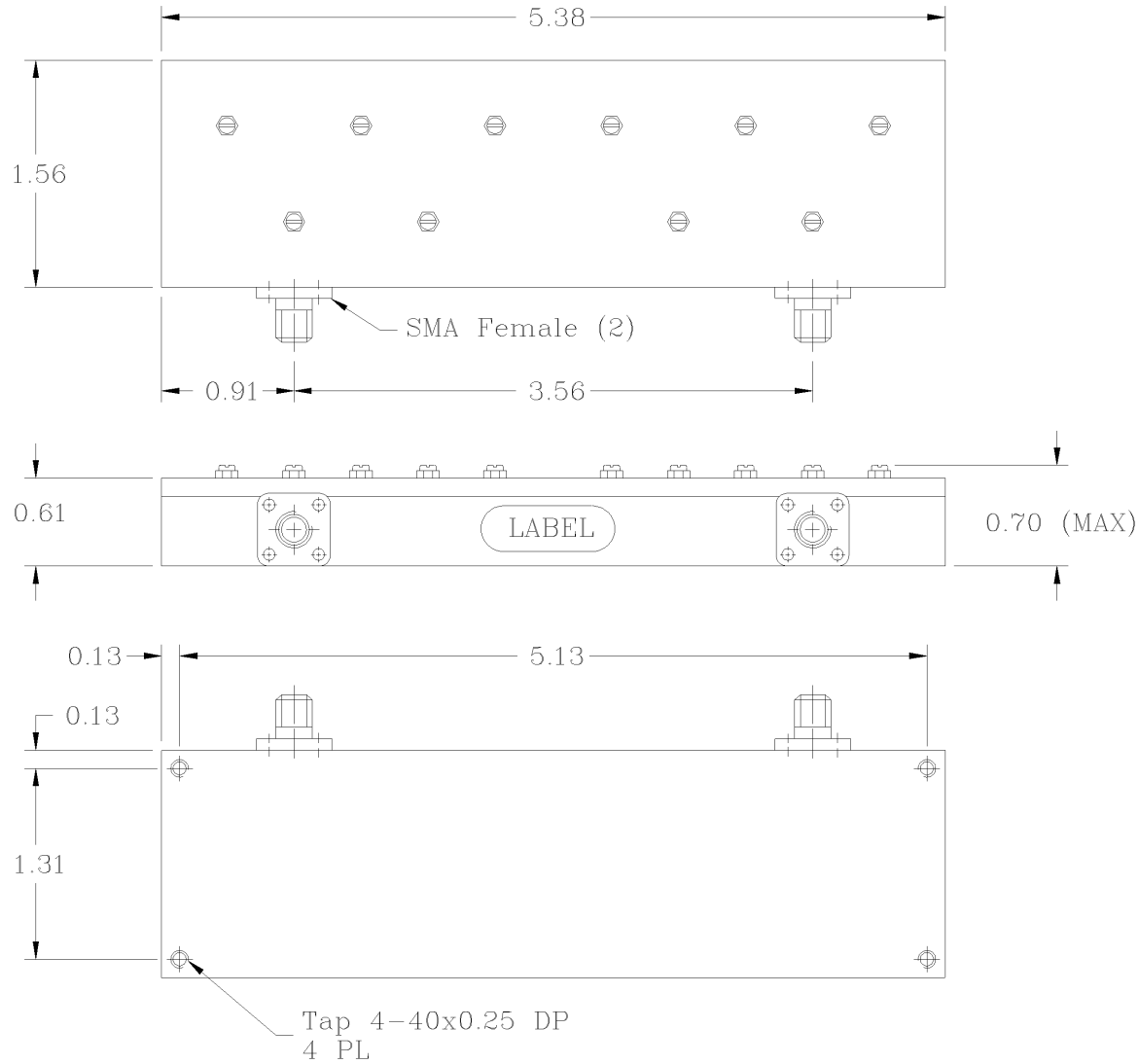


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

*Pass Band Frequency Range [MHz]	: 5188 to 5240
*Pass Band Insertion Loss [dB]	: < 2.5
*Pass Band Ripple [dB]	: < 0.5 P-T-P
*Attenuation @ 5173 MHz [dB]	: 30 (Min.)
*Attenuation @ 5257 MHz [dB]	: 30 (Min.)
*Attenuation @ 5121 MHz [dB]	: 70 (Min.)
*Attenuation @ 5551 MHz [dB]	: 80 (Min.)
*Pass Band Return Loss [dB]	: 16 (Max.)
*Input/Output Impedance	: 50 ohm
*RF Power Capability Average	: 10 Watt

OPERATING TEMPERATURE RANGE: -10°C TO +70°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:

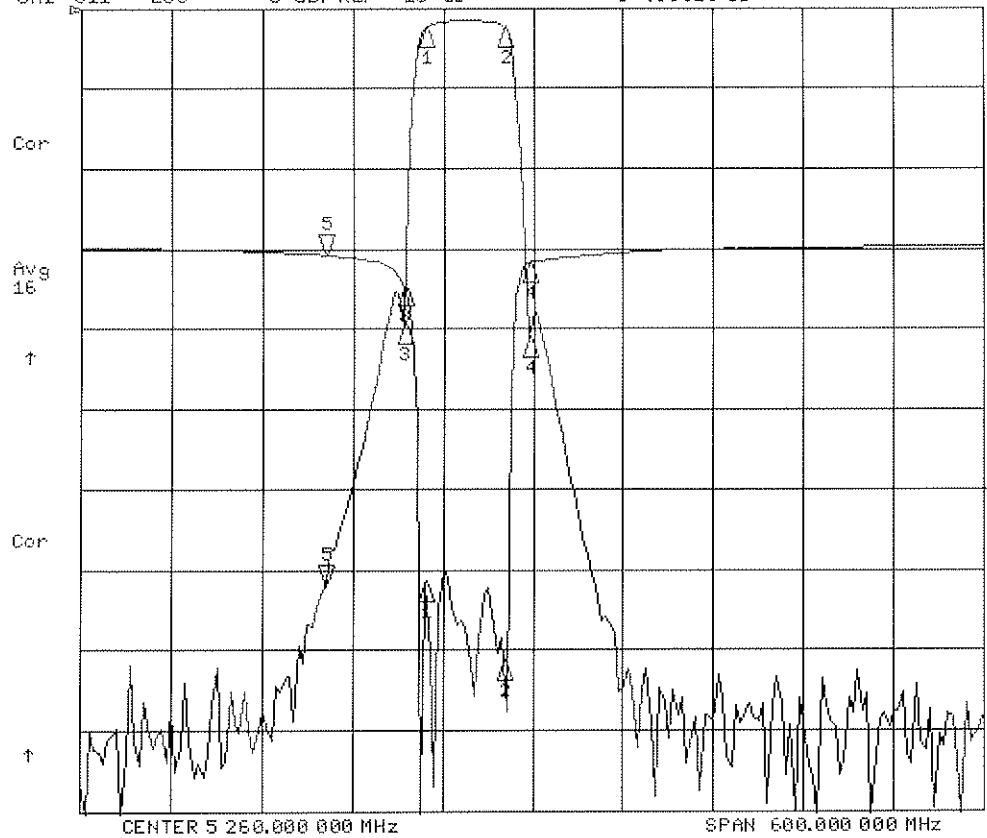
- BREAK ALL CORNERS & EDGES.005/.010.
- PLATING:  
NaZnCu+NaOH MAX. .0001THICK  
Cu PER MIL-C-14550,MAX .0004THICK  
Ag PER QQ-S-365,MAX .0005THICK
- FINAL FINISH:  
EPOXY GRAY.

DIMENSIONS ARE IN INCHES: TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE Band Pass Filter 5.2 GHz			
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Segal	11/13	CB5214/52SK-D			
TREATMENT		CHECKED		SIZE	CAGE CODE	DWG NO:	REV.
FINISH 63/		ENG.		A	3K1H4	CB5214/52SK-D-1	0
MATERIAL AL6061-76		DESIGN ACTIVITY		SCALE None			SHEET 1 OF 1

CB5214/525K-D

13 Nov 2013 15:34:20

CH1 S21 LOG 10 dB/REF 0 dB 5:-72.059 dB 5 121.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -15 dB 5:-39.510 dB



CH1 Markers

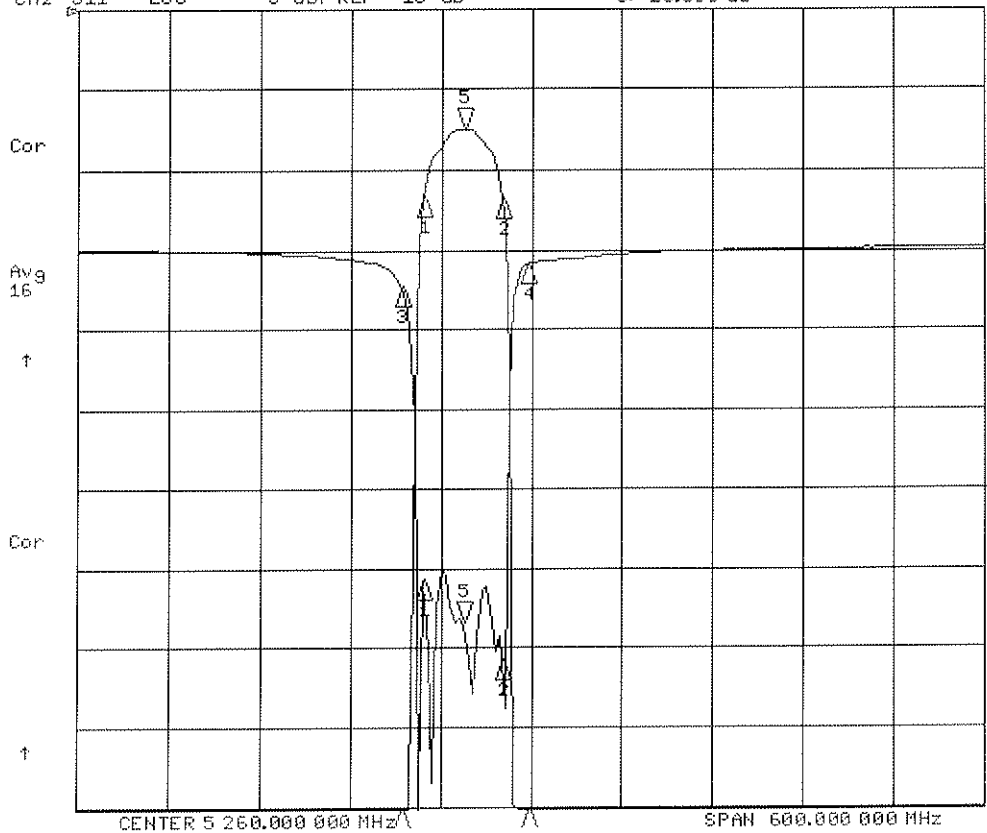
- 1:-2.3299 dB  
5.18800 GHz
- 2:-2.3658 dB  
5.24000 GHz
- 3:-39.566 dB  
5.17300 GHz
- 4:-41.274 dB  
5.25700 GHz

CH2 Markers

- 1:-20.704 dB  
5.18800 GHz
- 2:-25.730 dB  
5.24000 GHz
- 3:-2.3127 dB  
5.17300 GHz
- 4:-.87720 dB  
5.25700 GHz

13 Nov 2013 15:34:57

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.4849 dB 5 214.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -15 dB 5:-23.393 dB



CH1 Markers

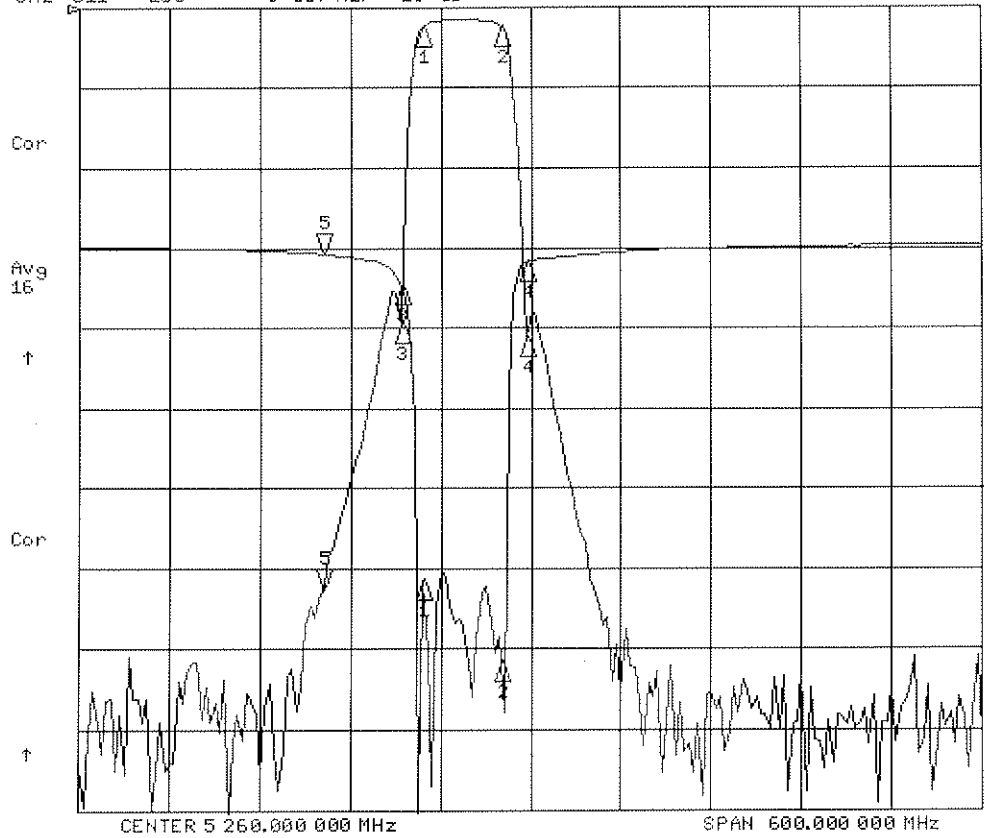
- 1:-2.3286 dB  
5.18800 GHz
- 2:-2.3623 dB  
5.24000 GHz
- 3:-39.623 dB  
5.17300 GHz
- 4:-41.187 dB  
5.25700 GHz

CH2 Markers

- 1:-20.708 dB  
5.18800 GHz
- 2:-25.754 dB  
5.24000 GHz
- 3:-2.3175 dB  
5.17300 GHz
- 4:-.86680 dB  
5.25700 GHz

13 Nov 2013 15:36:05

CH1 S21 LOG 10 dB/REF 0 dB 5:-72.677 dB 5 121.000 000 MHz  
CH2 S11 LOG 5 dB/REF -15 dB 5:-.39450 dB



CH1 Markers

1:-2.3197 dB  
5.18000 GHz

2:-2.3537 dB  
5.24000 GHz

3:-39.587 dB  
5.17300 GHz

4:-41.201 dB  
5.25700 GHz

CH2 Markers

1:-20.751 dB  
5.18000 GHz

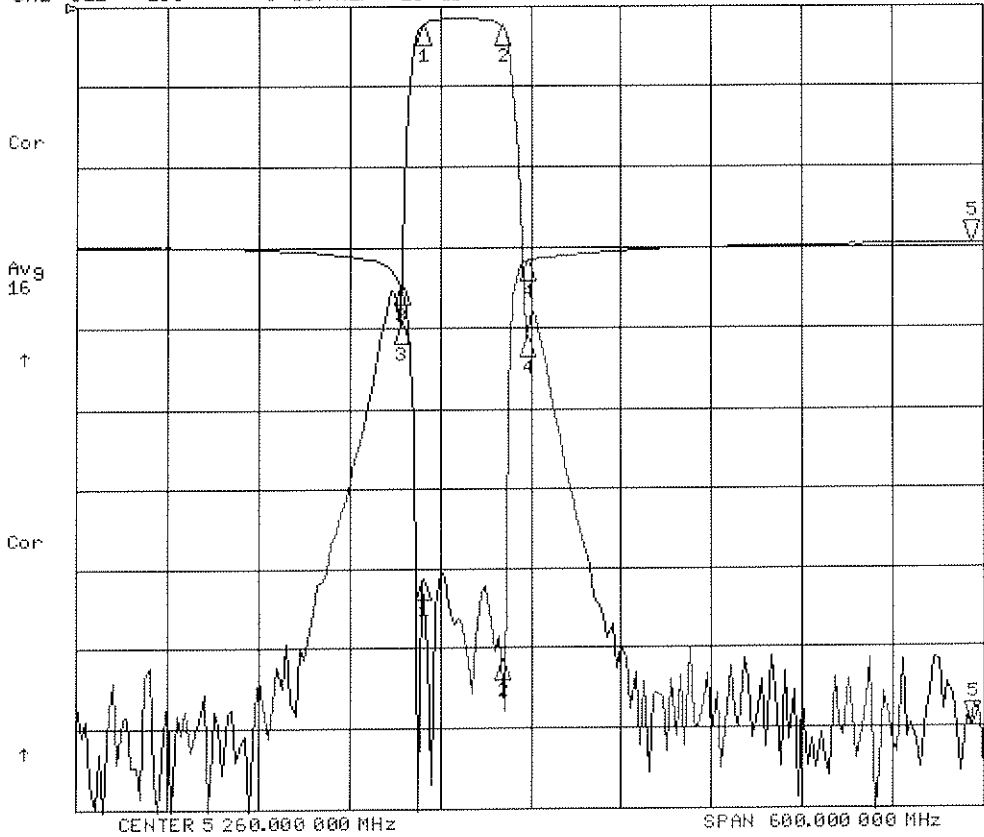
2:-25.797 dB  
5.24000 GHz

3:-2.3038 dB  
5.17300 GHz

4:-.86660 dB  
5.25700 GHz

13 Nov 2013 15:36:20

CH1 S21 LOG 10 dB/REF 0 dB 5:-89.753 dB 5 551.000 000 MHz  
CH2 S11 LOG 5 dB/REF -15 dB 5: .18090 dB



CH1 Markers

1:-2.3201 dB  
5.18000 GHz

2:-2.3570 dB  
5.24000 GHz

3:-39.595 dB  
5.17300 GHz

4:-41.218 dB  
5.25700 GHz

CH2 Markers

1:-20.730 dB  
5.18000 GHz

2:-25.788 dB  
5.24000 GHz

3:-2.3051 dB  
5.17300 GHz

4:-.86710 dB  
5.25700 GHz