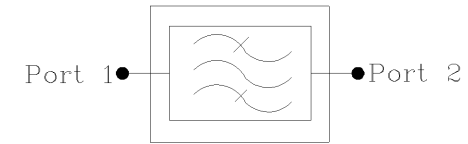
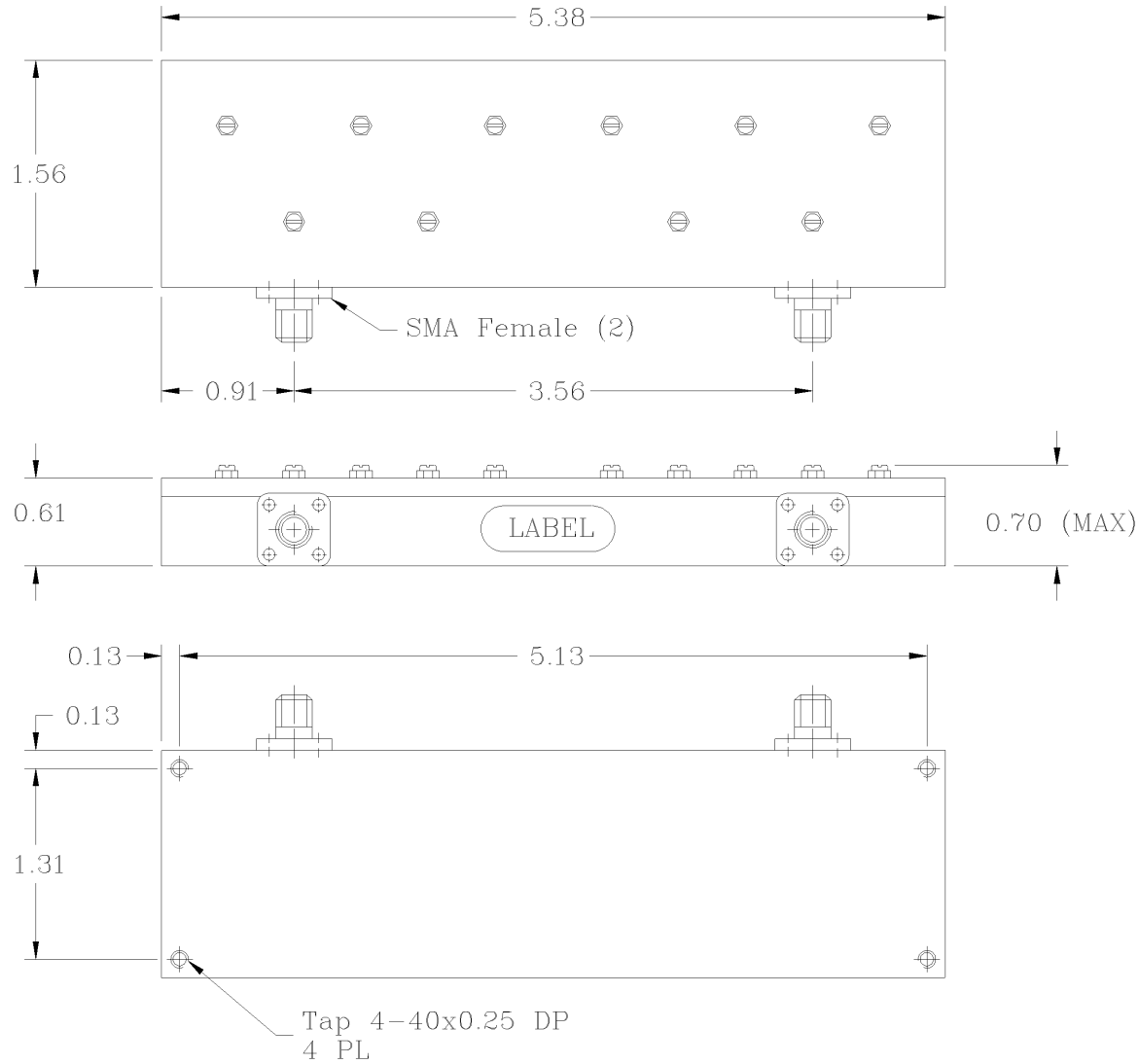


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

*Pass Band Frequency Range [MHz]	: 5080 to 5134
*Pass Band Insertion Loss [dB]	: < 2.5
*Pass Band Ripple [dB]	: < 0.5 P-T-P
*Attenuation @ 5065 MHz [dB]	: 25 (Min.)
*Attenuation @ 5146 MHz [dB]	: 25 (Min.)
*Attenuation @ 4810 MHz [dB]	: 80 (Min.)
*Attenuation @ 5200 MHz [dB]	: 70 (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

#### 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.

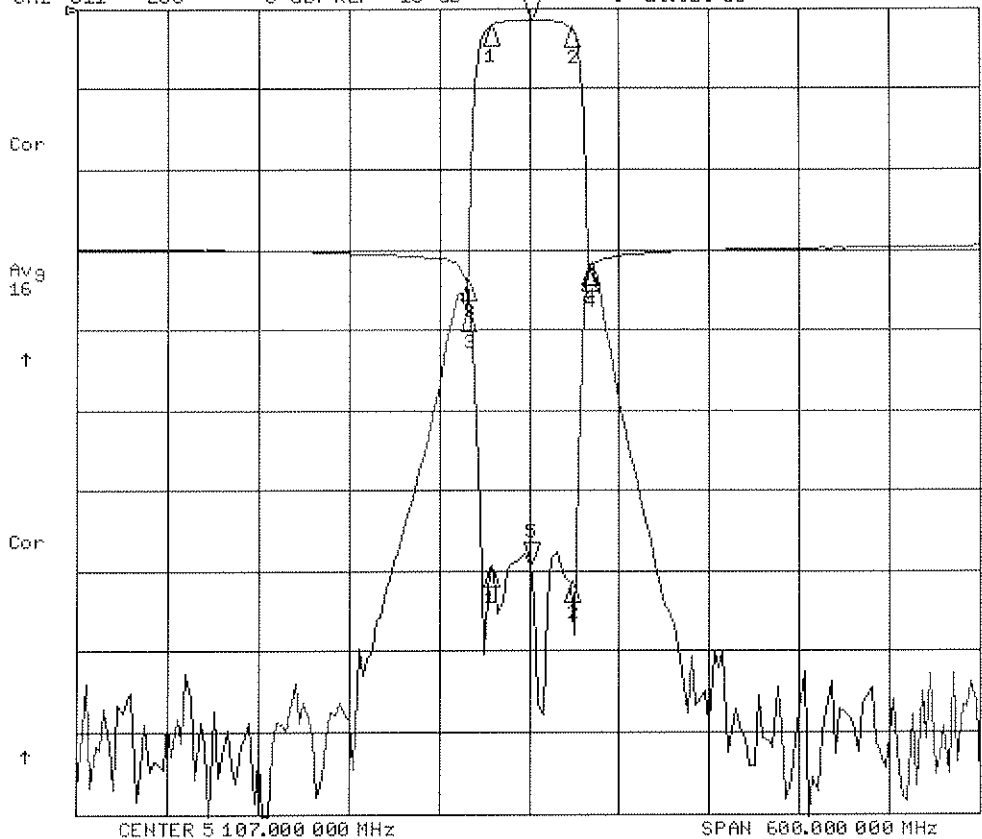
PROPRIETARY DOCUMENT:  
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DIMENSIONS ARE IN INCHES: TOLEANCES ARE ANGLES DECIMALS		CONTRACT NO:		<b>G-Way Microwave</b>			
± 1"	X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE	TITLE Band Pass Filter 5 GHz			
TREATMENT		DRAWN Segal	11/13	CB5107/54SK-D			
FINISH 63/		CHECKED		SIZE	CAGE CODE	DWG NO:	REV.
MATERIAL AL6061-76		ENG.		A	3K1H4	CB5107/54SK-D-1	0
		DESIGN ACTIVITY		SCALE None			SHEET 1 OF 1

CB5107/545K-D

13 Nov 2013 15:58:06

CH1 S21 LOG 10 dB/REF 0 dB 5:-1.4059 dB 5 107.000 000 MHz  
CH2 S11 LOG 5 dB/REF -15 dB 5:-19.516 dB



CH1 Markers

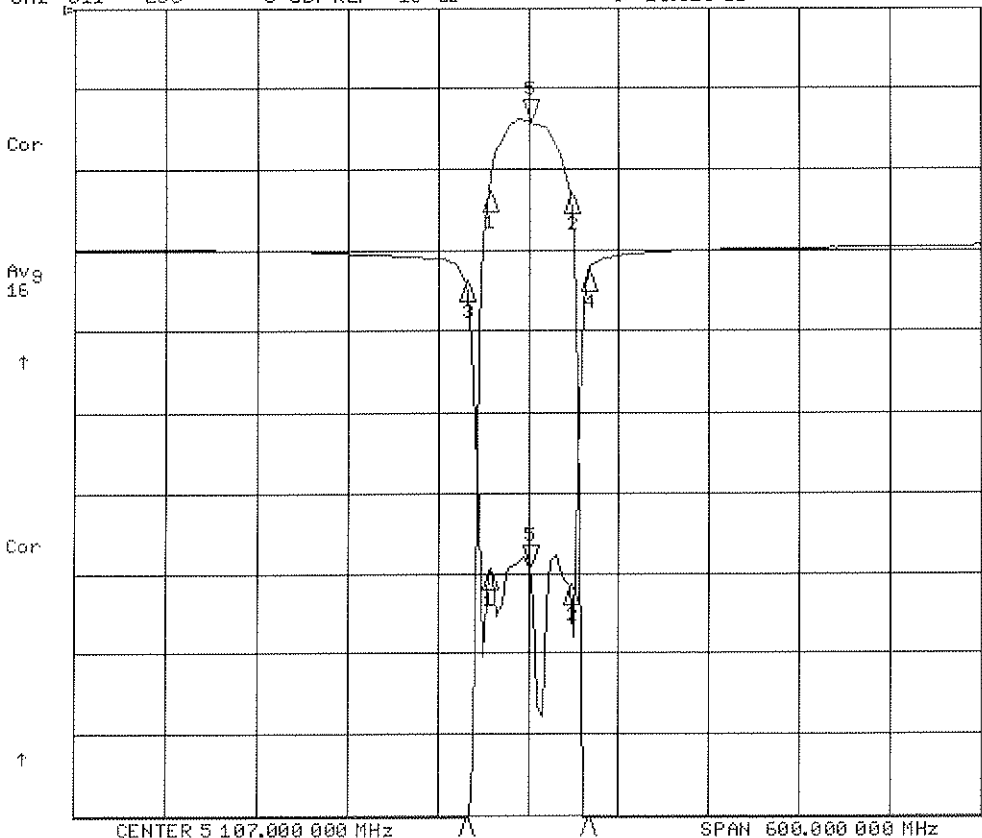
1:-2.2898 dB  
5.08000 GHz  
2:-2.3083 dB  
5.13400 GHz  
3:-37.803 dB  
5.06500 GHz  
4:-31.970 dB  
5.14600 GHz

CH2 Markers

1:-19.831 dB  
5.08000 GHz  
2:-20.746 dB  
5.13400 GHz  
3:-1.9447 dB  
5.06500 GHz  
4:-1.4246 dB  
5.14600 GHz

13 Nov 2013 15:58:10

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.4062 dB 5 107.000 000 MHz  
CH2 S11 LOG 5 dB/REF -15 dB 5:-19.520 dB



CH1 Markers

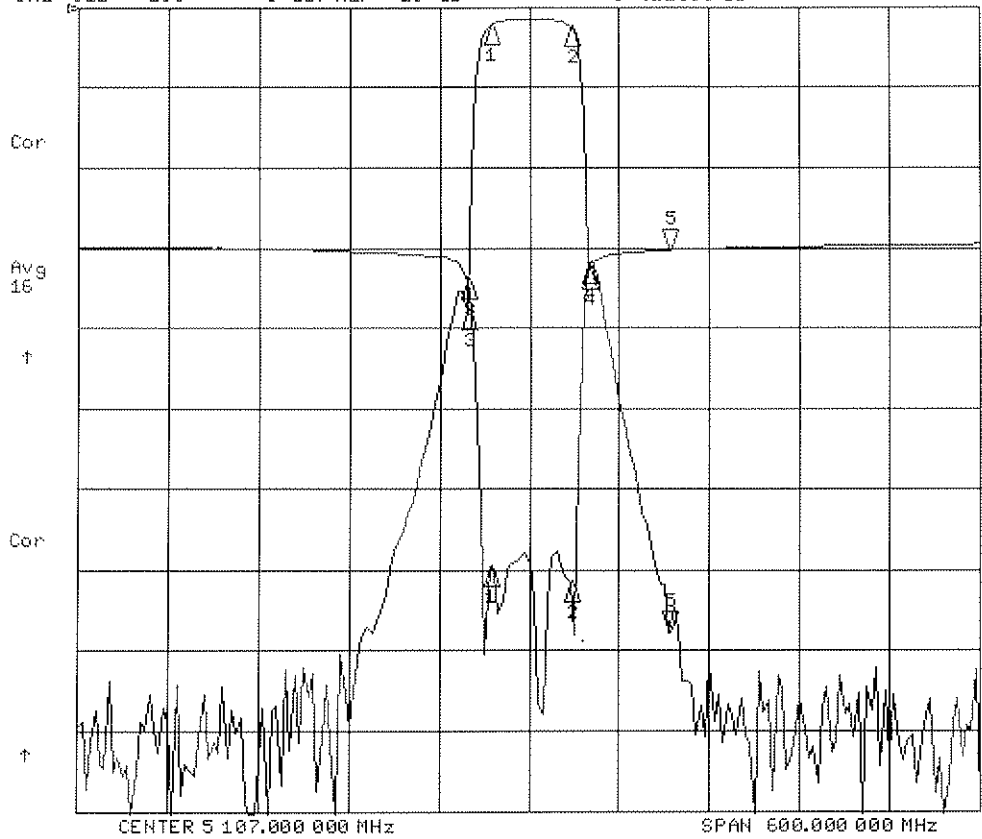
1:-2.2897 dB  
5.08000 GHz  
2:-2.3072 dB  
5.13400 GHz  
3:-37.792 dB  
5.06500 GHz  
4:-31.958 dB  
5.14600 GHz

CH2 Markers

1:-19.835 dB  
5.08000 GHz  
2:-20.737 dB  
5.13400 GHz  
3:-1.9448 dB  
5.06500 GHz  
4:-1.4241 dB  
5.14600 GHz

13 Nov 2013 15:57:26

CH1 S21 LOG 10 dB/REF 0 dB S:-77.817 dB 5 200.000 000 MHz  
CH2 S11 LOG 5 dB/REF -15 dB S:-1.2880 dB



CH1 Markers

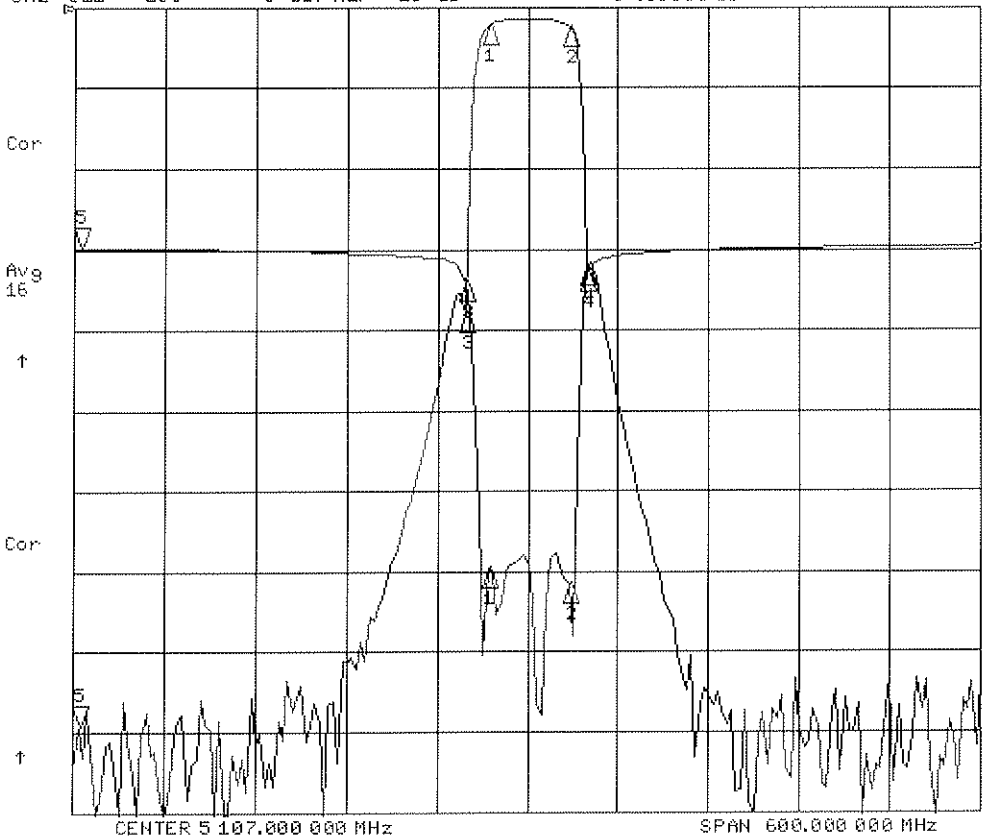
- 1:-2.2888 dB  
5.08000 GHz
- 2:-2.3078 dB  
5.13400 GHz
- 3:-37.828 dB  
5.06500 GHz
- 4:-31.990 dB  
5.14600 GHz

CH2 Markers

- 1:-19.828 dB  
5.08000 GHz
- 2:-20.750 dB  
5.13400 GHz
- 3:-1.9461 dB  
5.06500 GHz
- 4:-1.4240 dB  
5.14600 GHz

13 Nov 2013 15:57:45

CH1 S21 LOG 10 dB/REF 0 dB S:-89.277 dB 4 810.000 000 MHz  
CH2 S11 LOG 5 dB/REF -15 dB S:-.06650 dB



CH1 Markers

- 1:-2.2890 dB  
5.08000 GHz
- 2:-2.3052 dB  
5.13400 GHz
- 3:-37.834 dB  
5.06500 GHz
- 4:-31.966 dB  
5.14600 GHz

CH2 Markers

- 1:-19.829 dB  
5.08000 GHz
- 2:-20.735 dB  
5.13400 GHz
- 3:-1.9450 dB  
5.06500 GHz
- 4:-1.4186 dB  
5.14600 GHz