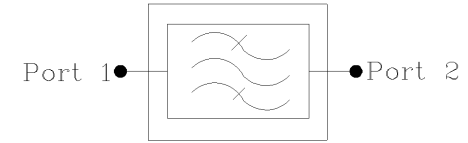
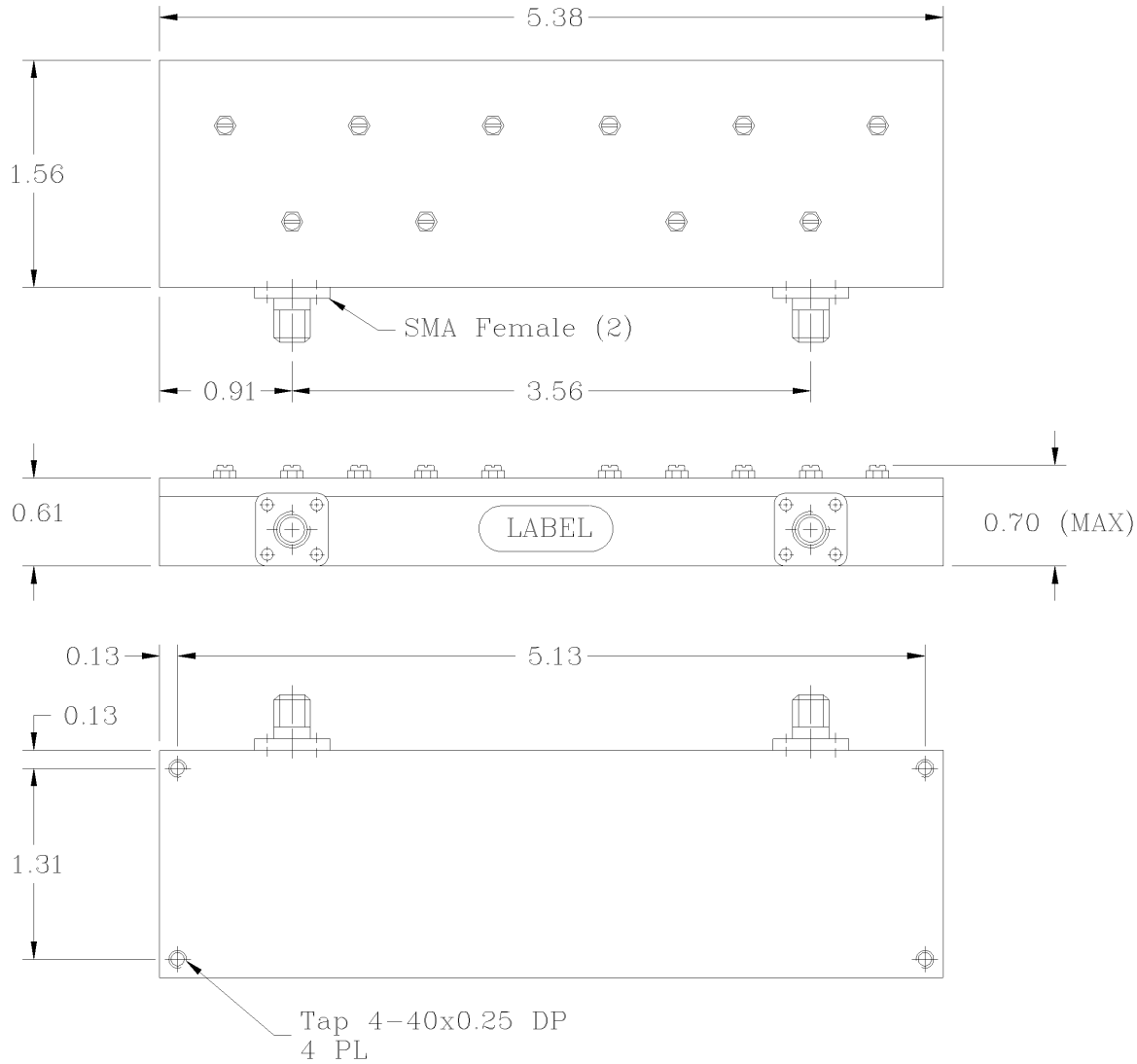


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 5000 to 5050
- *Pass Band Insertion Loss [dB] : < 2.5
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Attenuation @ 4860 MHz [dB] : 60 (Min.)
- @ 4980 MHz [dB] : 15 (Min.)
- @ 5060 MHz [dB] : 10 (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 +50°C

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Way Microwave				
TOLEANCES ARE		APPROVALS						DATE
ANGLES	DECIMALS	DRAWN Segal		08/14		TITLE Band Pass Filter 5 GHz		
± 1"	X ± .05 XX ± .01 XXX ± .003	CHECKED				CB5025/50SK-D		
TREATMENT		ENG.		SIZE		CAGE CODE	DWG NO:	REV.
FINISH	63/	DESIGN ACTIVITY		A		3K1H4	CB5025/50SK-D-1	0
MATERIAL	AL6061-76			SCALE		None		SHEET 1 OF 1

NOTES:

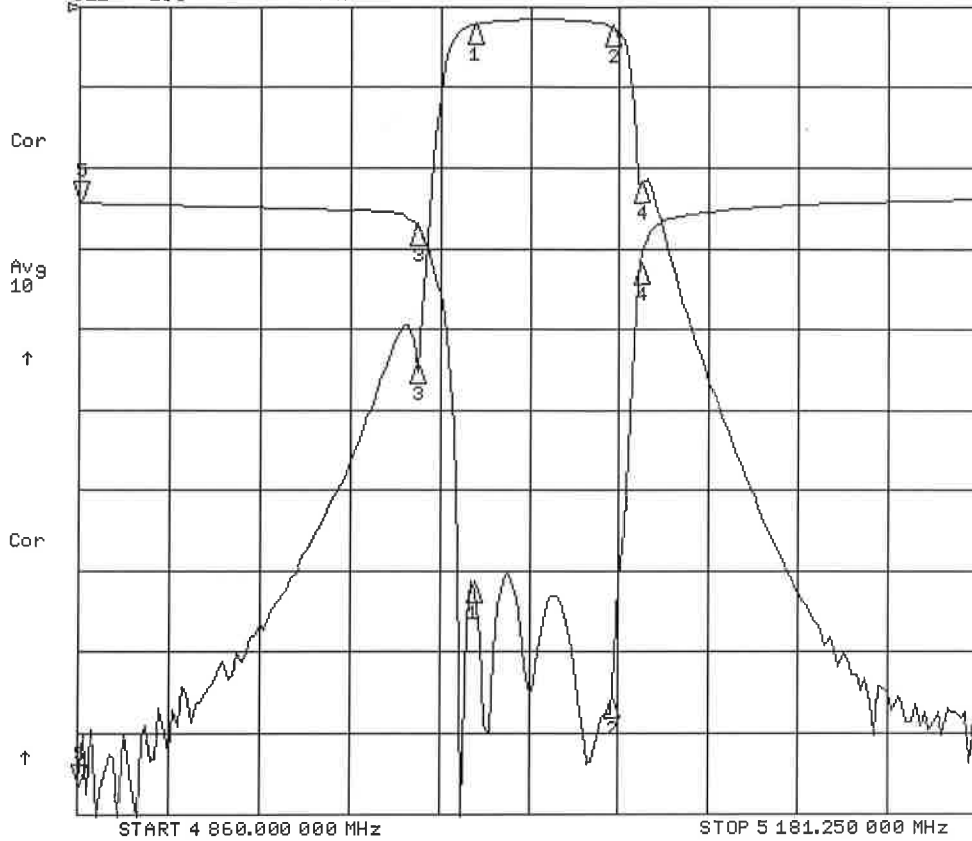
1. BREAK ALL CORNERS & EDGES .005/.010.
2. PLATING:
NaZnCu+NaOH MAX. .0001THICK
Cu PER MIL-C-14550, MAX .0004THICK
Ag PER QQ-S-365, MAX .0005THICK
3. FINAL FINISH:
EPOXY GRAY.

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.

CBS025/505K-D

8 Aug 2014 13:21:15

CH1 S21 LOG 10 dB/REF 0 dB 5:-96.452 dB 4 860.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-20500 dB



CH1 Markers

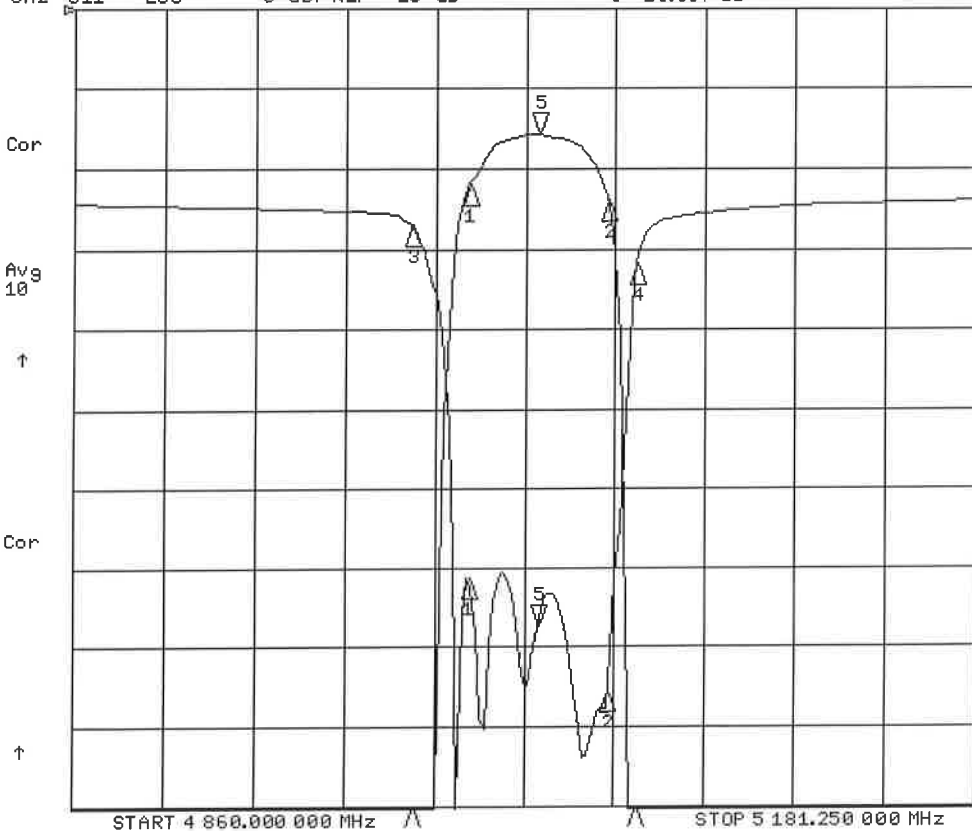
- 1:-2.2294 dB
5.00000 GHz
- 2:-2.4163 dB
5.05000 GHz
- 3:-44.228 dB
4.98000 GHz
- 4:-22.007 dB
5.06000 GHz

CH2 Markers

- 1:-23.690 dB
5.00000 GHz
- 2:-30.800 dB
5.05000 GHz
- 3:-1.6614 dB
4.98000 GHz
- 4:-3.9882 dB
5.06000 GHz

8 Aug 2014 13:21:26

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.5705 dB 5 025.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-26.667 dB



CH1 Markers

- 1:-2.2296 dB
5.00000 GHz
- 2:-2.4177 dB
5.05000 GHz
- 3:-44.235 dB
4.98000 GHz
- 4:-22.006 dB
5.06000 GHz

CH2 Markers

- 1:-23.688 dB
5.00000 GHz
- 2:-30.815 dB
5.05000 GHz
- 3:-1.6649 dB
4.98000 GHz
- 4:-3.9892 dB
5.06000 GHz