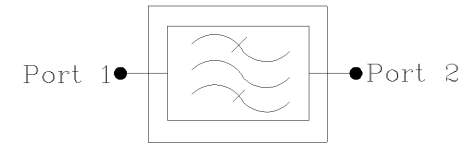
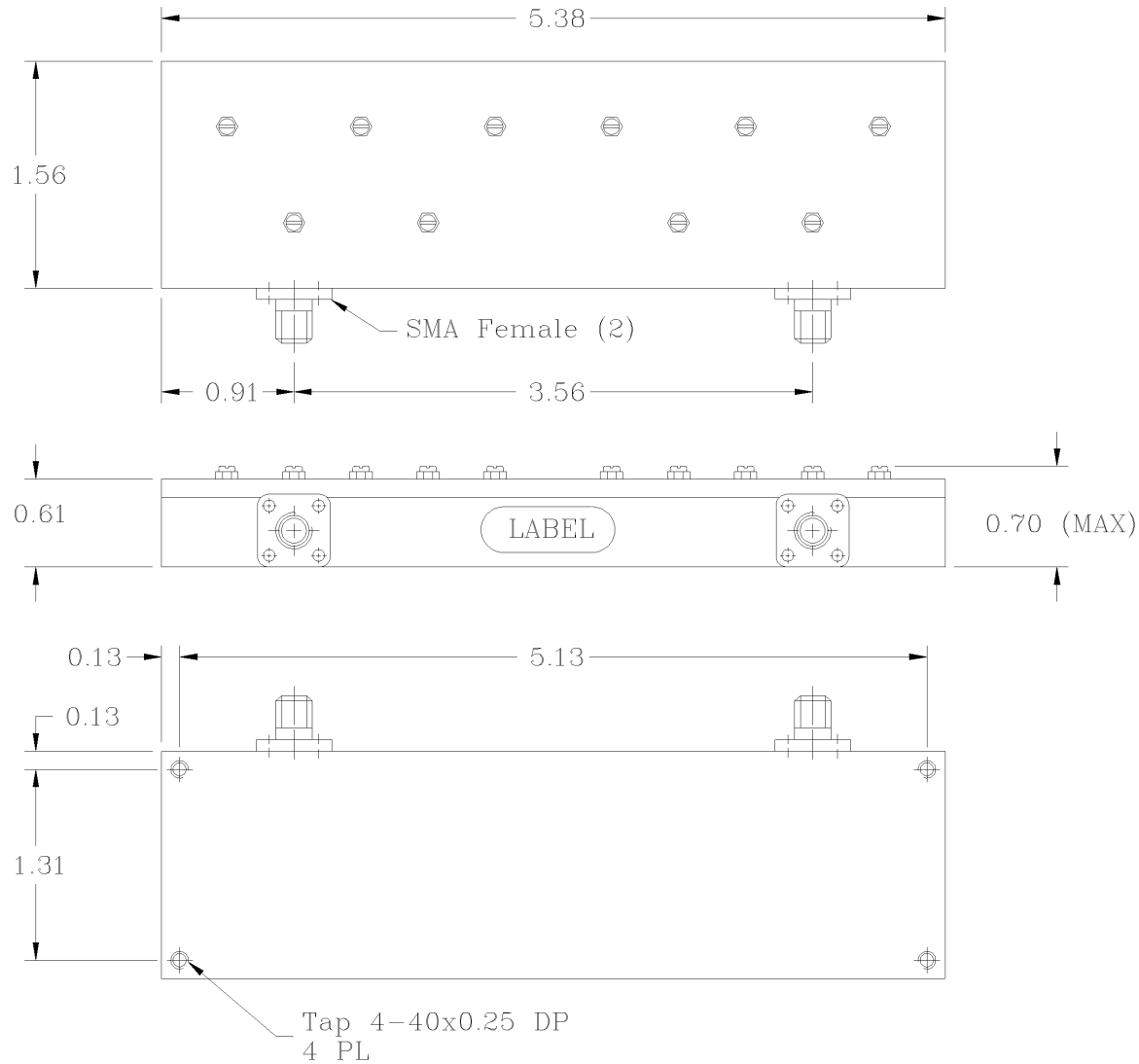


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

- \*Pass Band Frequency Range [MHz] : 5050 to 5100
- \*Pass Band Insertion Loss [dB] : < 2.5
- \*Pass Band Ripple [dB] : < 0.5 P-T-P
- \*Attenuation @ 4910 MHz [dB] : 60 (Min.)
- @ 5040 MHz [dB] : 10 (Min.)
- @ 5110 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 TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Segal	08/14	CB5075/50SK-D		REV.	0
TREATMENT		CHECKED		SIZE	CAGE CODE	DWG NO:	
FINISH	63/	ENG.		A	3K1H4	CB5075/50SK-D-1	
MATERIAL	AL6061-76	DESIGN ACTIVITY		SCALE	None		SHEET 1 OF 1

#### NOTES:

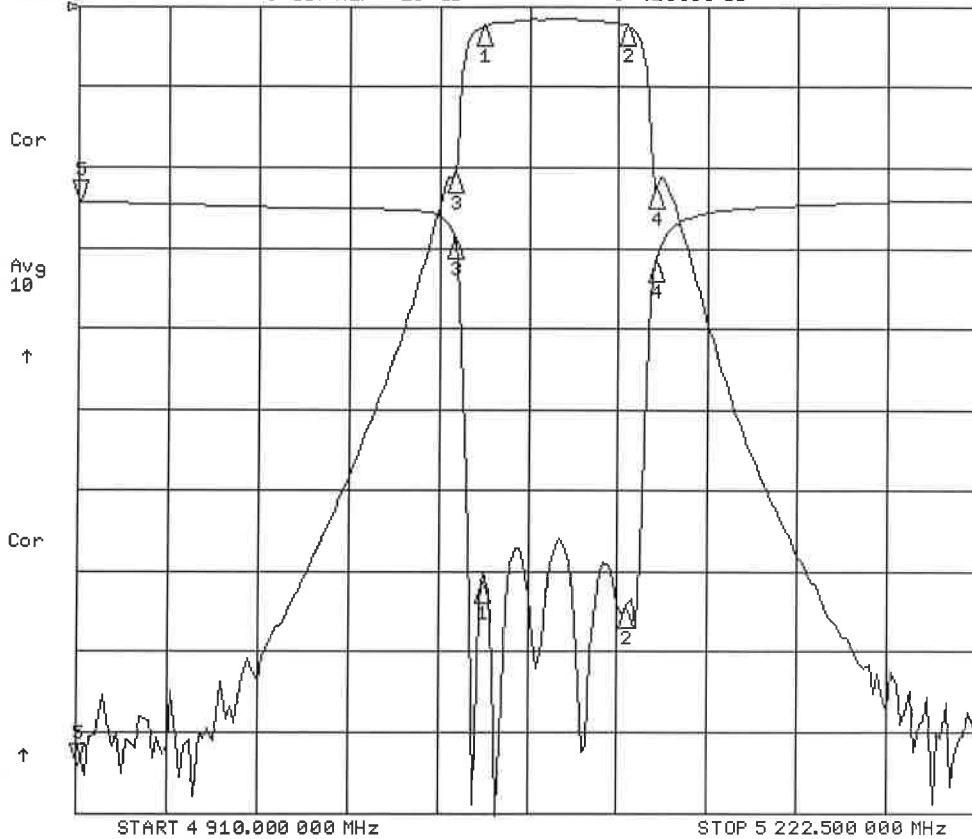
1. BREAK ALL CORNERS & EDGES .005/.010.
2. PLATING:  
NaZnCu+NaOH MAX. .0001 THICK  
Cu PER MIL-C-14550, MAX. .0004 THICK  
Ag PER QQ-S-365, MAX. .0005 THICK
3. FINAL FINISH:  
EPOXY GRAY.

PROPRIETARY DOCUMENT:  
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CB5075/50SK-D

8 Aug 2014 12:28:35

CH1 S21 LOG 10 dB/REF 0 dB 5:-94.231 dB 4 910.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-18580 dB



CH1 Markers

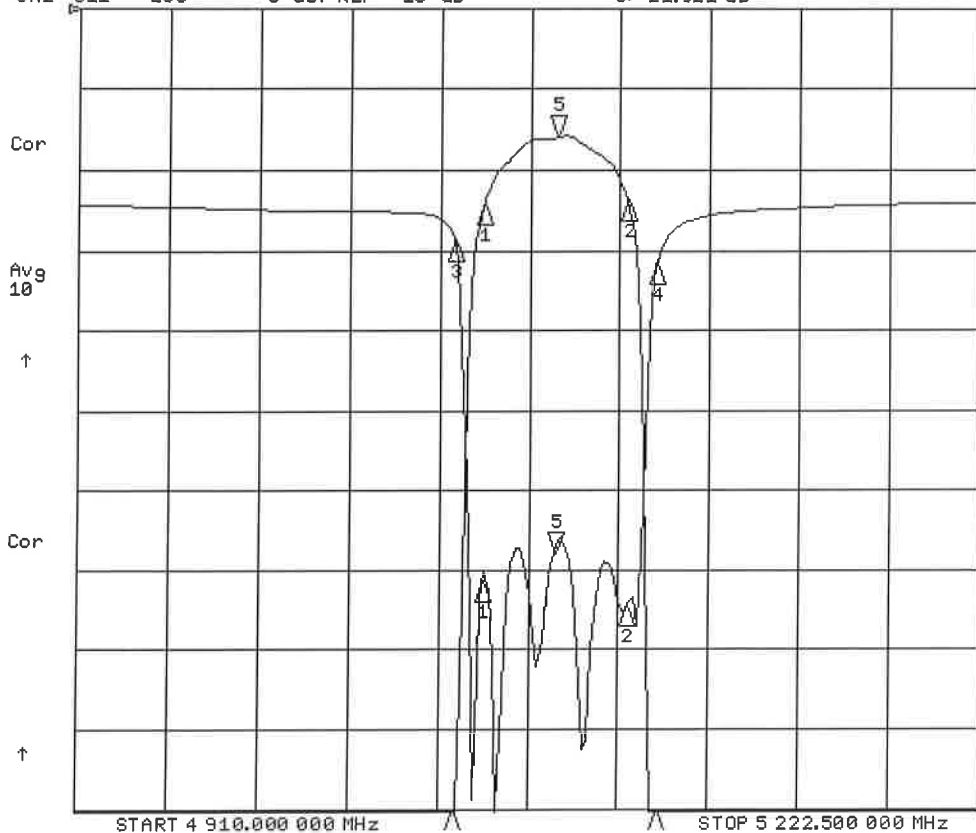
- 1:-2.4465 dB  
5.05000 GHz
- 2:-2.3942 dB  
5.10000 GHz
- 3:-20.708 dB  
5.04000 GHz
- 4:-22.754 dB  
5.11000 GHz

CH2 Markers

- 1:-23.760 dB  
5.05000 GHz
- 2:-25.292 dB  
5.10000 GHz
- 3:-2.4064 dB  
5.04000 GHz
- 4:-3.8981 dB  
5.11000 GHz

8 Aug 2014 12:28:44

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.5952 dB 5 075.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-21.921 dB



CH1 Markers

- 1:-2.4456 dB  
5.05000 GHz
- 2:-2.3941 dB  
5.10000 GHz
- 3:-20.711 dB  
5.04000 GHz
- 4:-22.772 dB  
5.11000 GHz

CH2 Markers

- 1:-23.755 dB  
5.05000 GHz
- 2:-25.296 dB  
5.10000 GHz
- 3:-2.4048 dB  
5.04000 GHz
- 4:-3.8999 dB  
5.11000 GHz