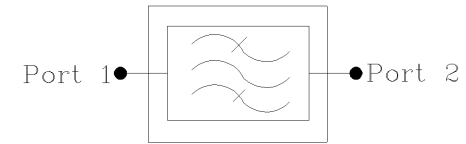
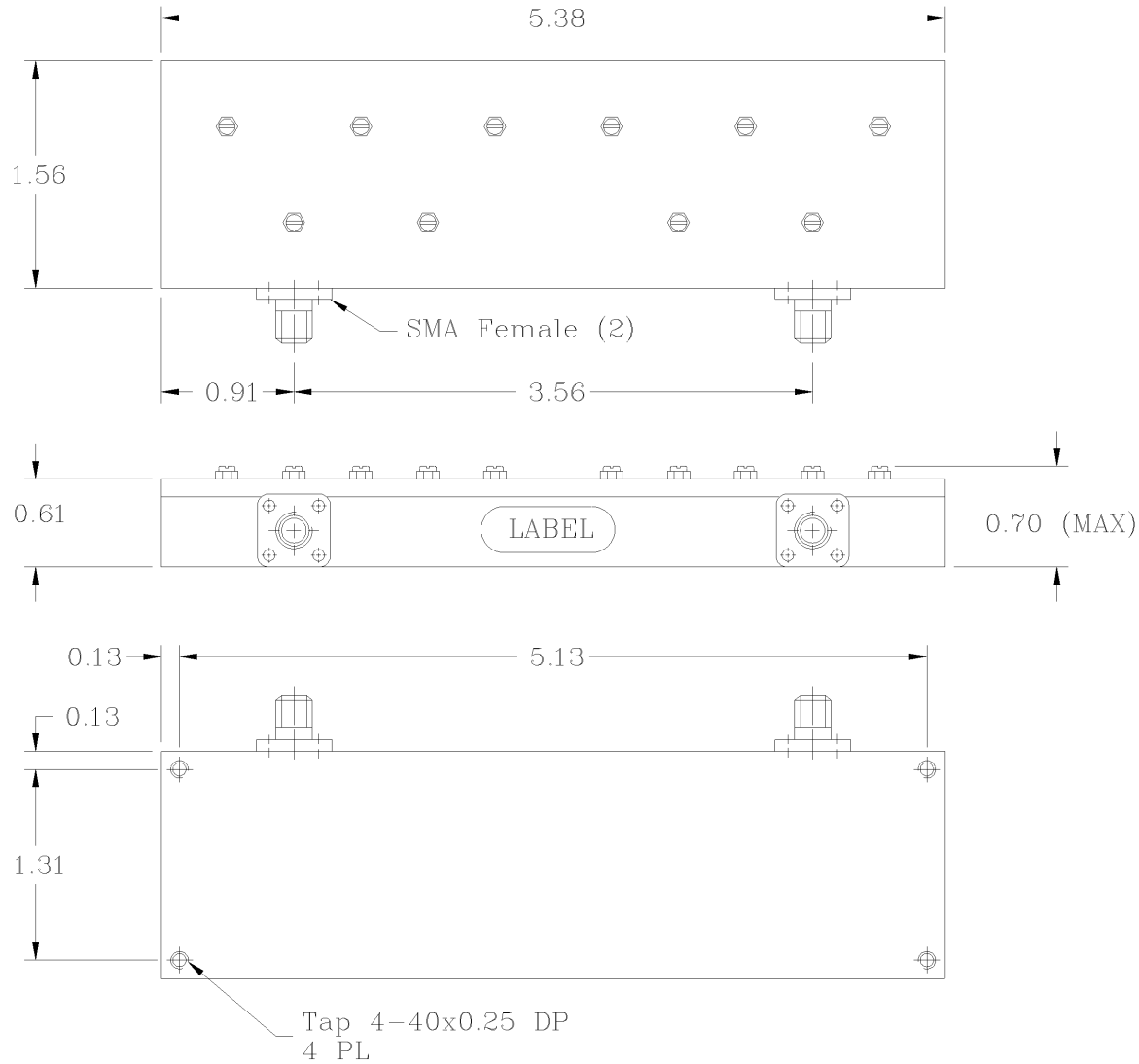


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

- \*Pass Band Frequency Range [MHz] : 5865 to 5915
- \*Pass Band Insertion Loss [dB] : < 2.5
- \*Pass Band Ripple [dB] : < 0.5 P-T-P
- \*Attenuation @ 5730 MHz [dB] : 60 (Min.)
- @ 5855 MHz [dB] : 10 (Min.)
- @ 5925 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:		<b>G-Way Microwave</b>			
TOLEANCES ARE ANGLES DECIMALS		APPROVALS DATE					
± 1"	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Segal 08/14		CAGE CODE 3K1H4		DWG NO: CB5890/50SK-D	
TREATMENT		CHECKED		SCALE None		REV. 0	
FINISH 63/		ENG. DESIGN ACTIVITY		SHEET 1		OF 1	
MATERIAL AL6061-T6							

#### NOTES:

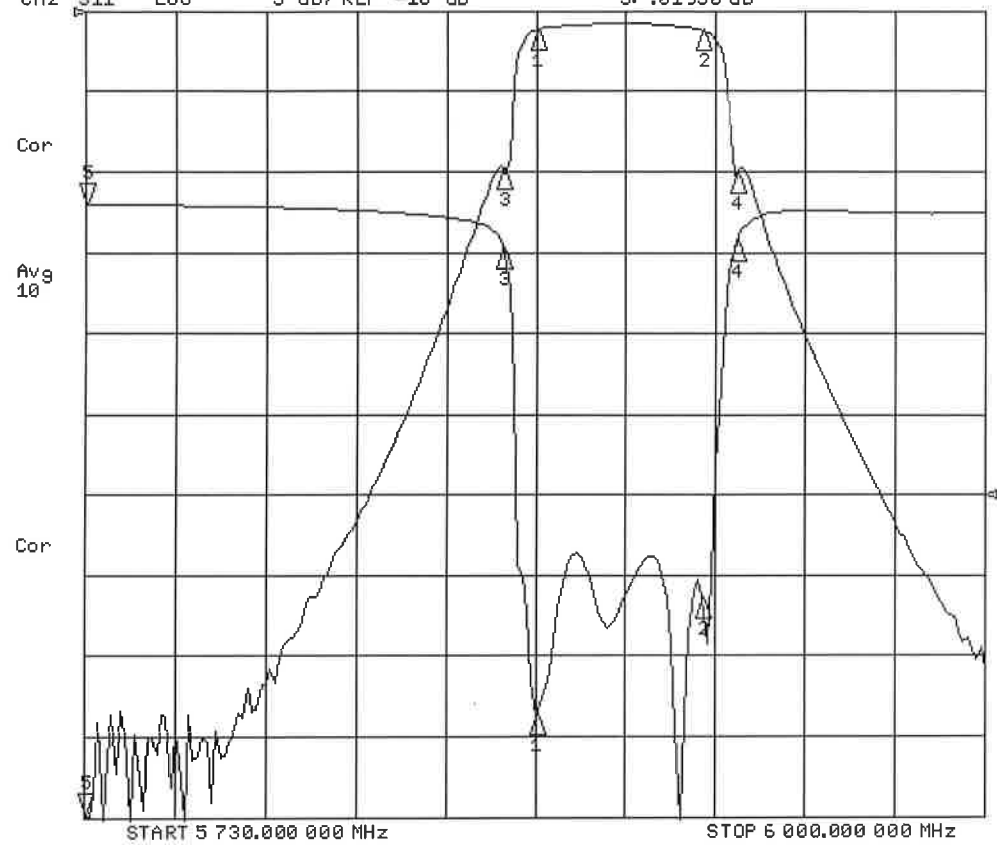
1. BREAK ALL CORNERS & EDGES .005/.010.
2. PLATING:  
NaZnCu+NaOH MAX. .0001THICK  
Cu PER MIL-C-14550, MAX .0004THICK  
Ag PER QQ-S-365, MAX .0005THICK
3. FINAL FINISH:  
EPOXY GRAY.

PROPRIETARY DOCUMENT:  
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CB5890/505K-D

8 Aug 2014 11:49:54

CH1 S21 LOG 10 dB/REF 0 dB 5:-99.756 dB 5 730.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.01950 dB



CH1 Markers

- 1:-2.3548 dB  
5.86500 GHz
- 2:-2.4295 dB  
5.91500 GHz
- 3:-19.797 dB  
5.85500 GHz
- 4:-20.207 dB  
5.92500 GHz

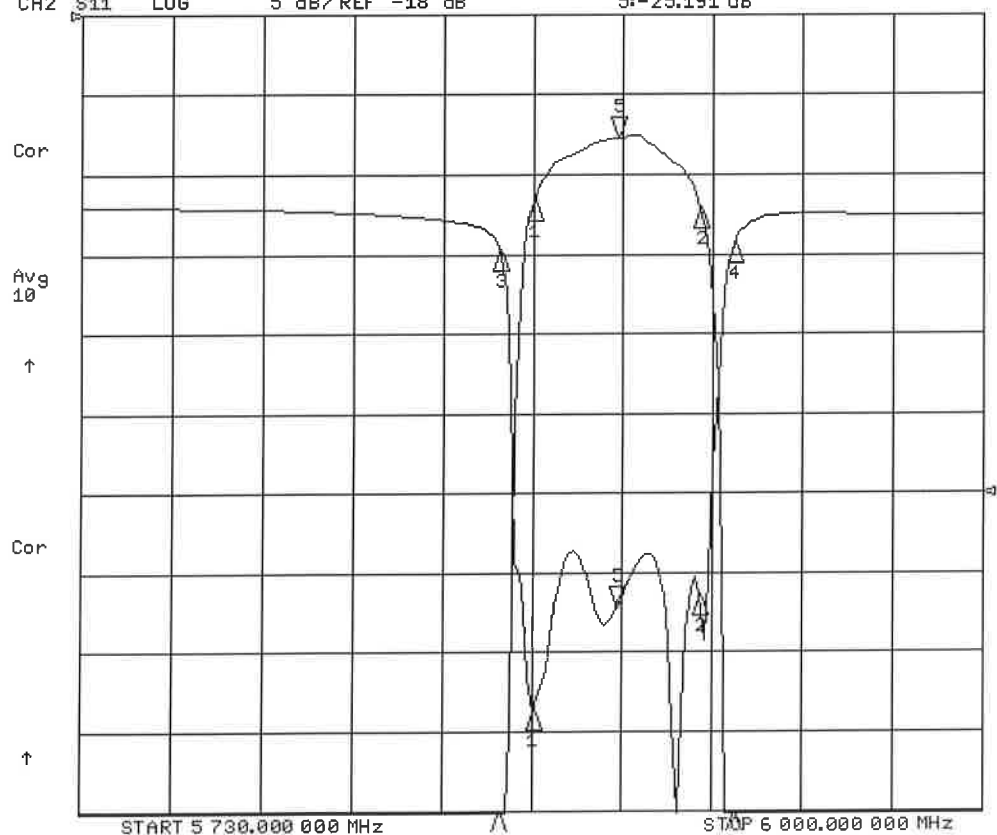
CH2 Markers

- 1:-31.734 dB  
5.86500 GHz
- 2:-24.442 dB  
5.91500 GHz
- 3:-2.7467 dB  
5.85500 GHz
- 4:-2.3582 dB  
5.92500 GHz

START 5 730.000 000 MHz STOP 6 000.000 000 MHz

8 Aug 2014 11:50:05

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.5484 dB 5 890.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-25.191 dB



CH1 Markers

- 1:-2.3498 dB  
5.86500 GHz
- 2:-2.4291 dB  
5.91500 GHz
- 3:-19.797 dB  
5.85500 GHz
- 4:-20.211 dB  
5.92500 GHz

CH2 Markers

- 1:-31.658 dB  
5.86500 GHz
- 2:-24.428 dB  
5.91500 GHz
- 3:-2.7485 dB  
5.85500 GHz
- 4:-2.3565 dB  
5.92500 GHz

START 5 730.000 000 MHz STOP 6 000.000 000 MHz