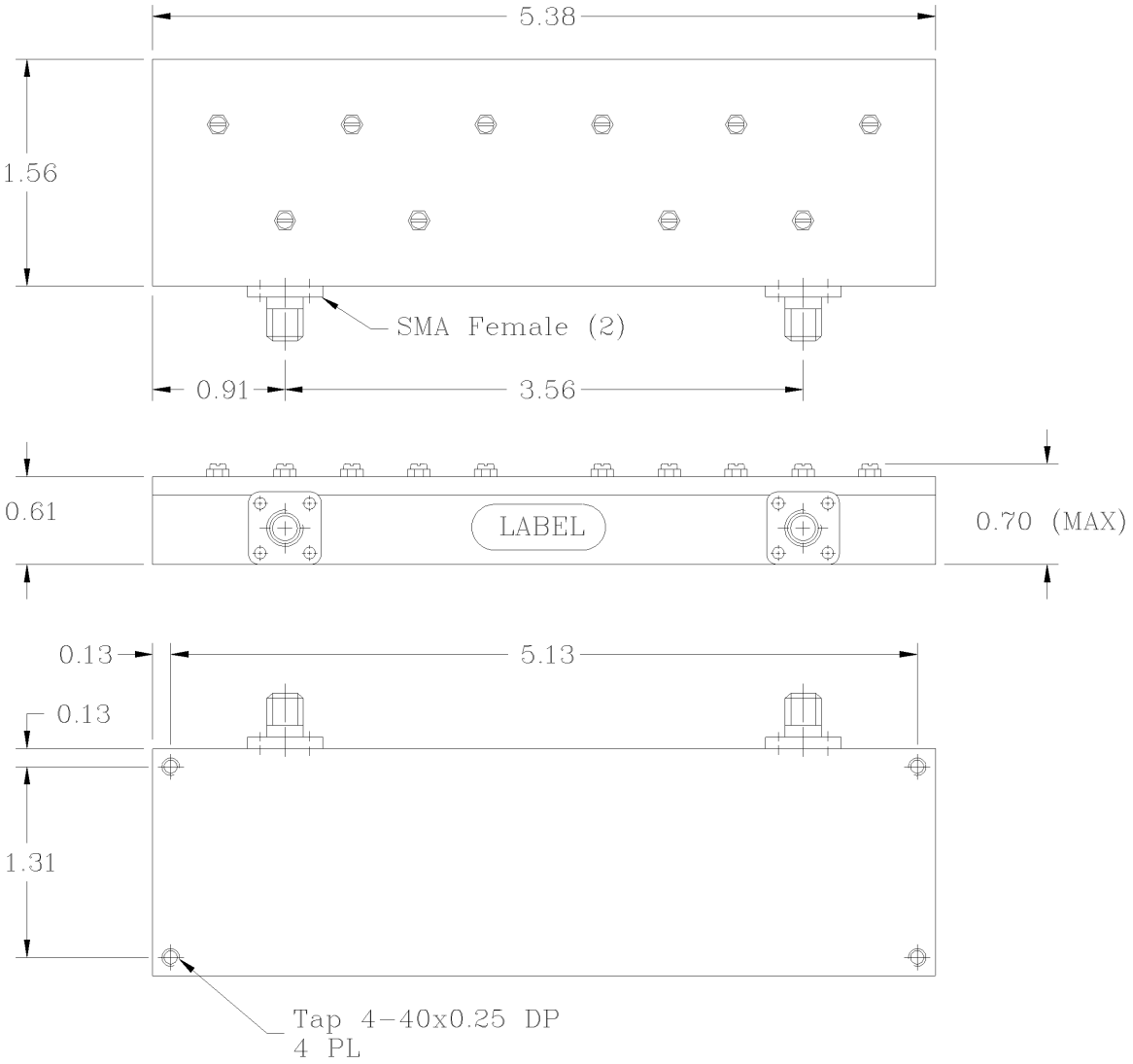
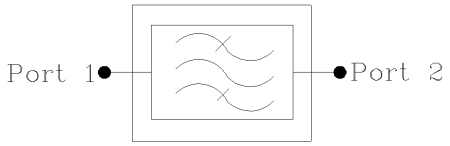
REVISIONS			
REV		DATE	APPROVED





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

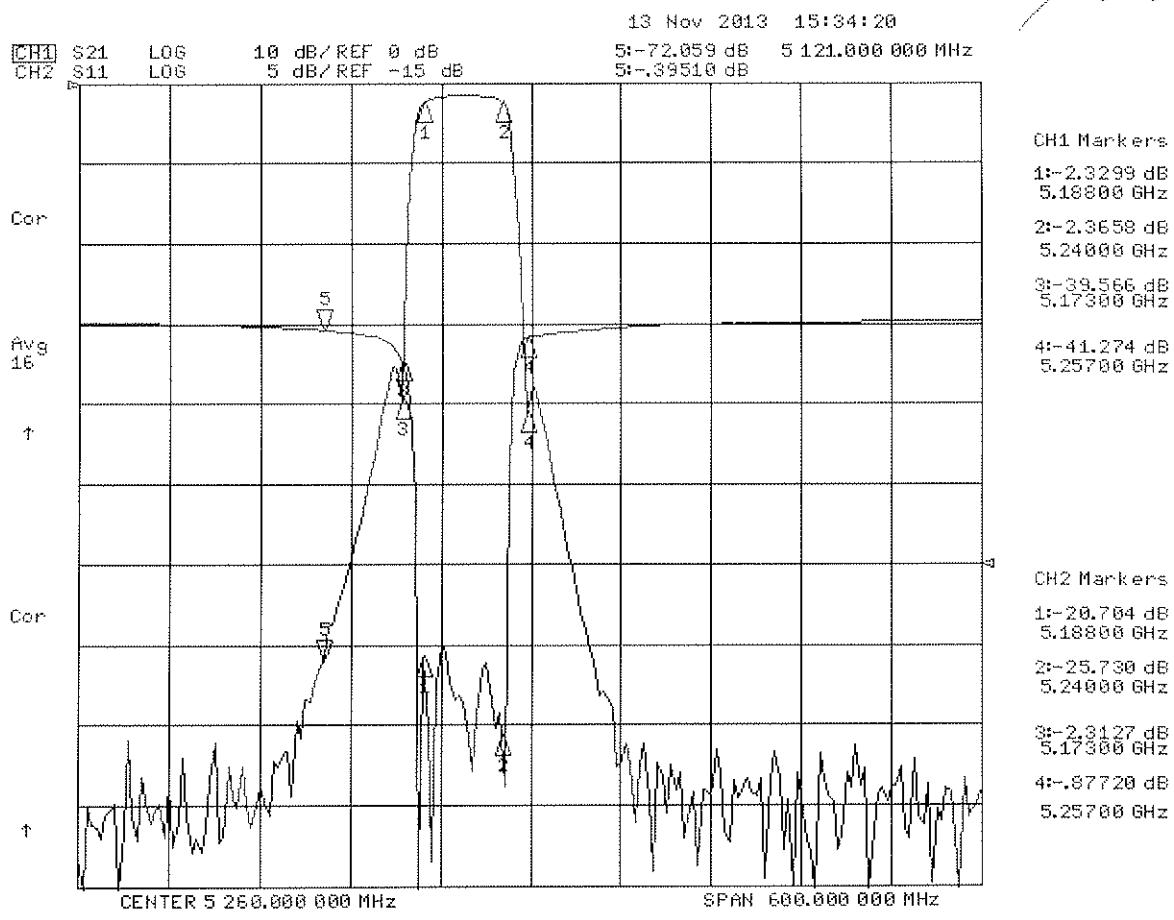
OPERATING TEMPERATURE RANGE: -10°C TO +70°C

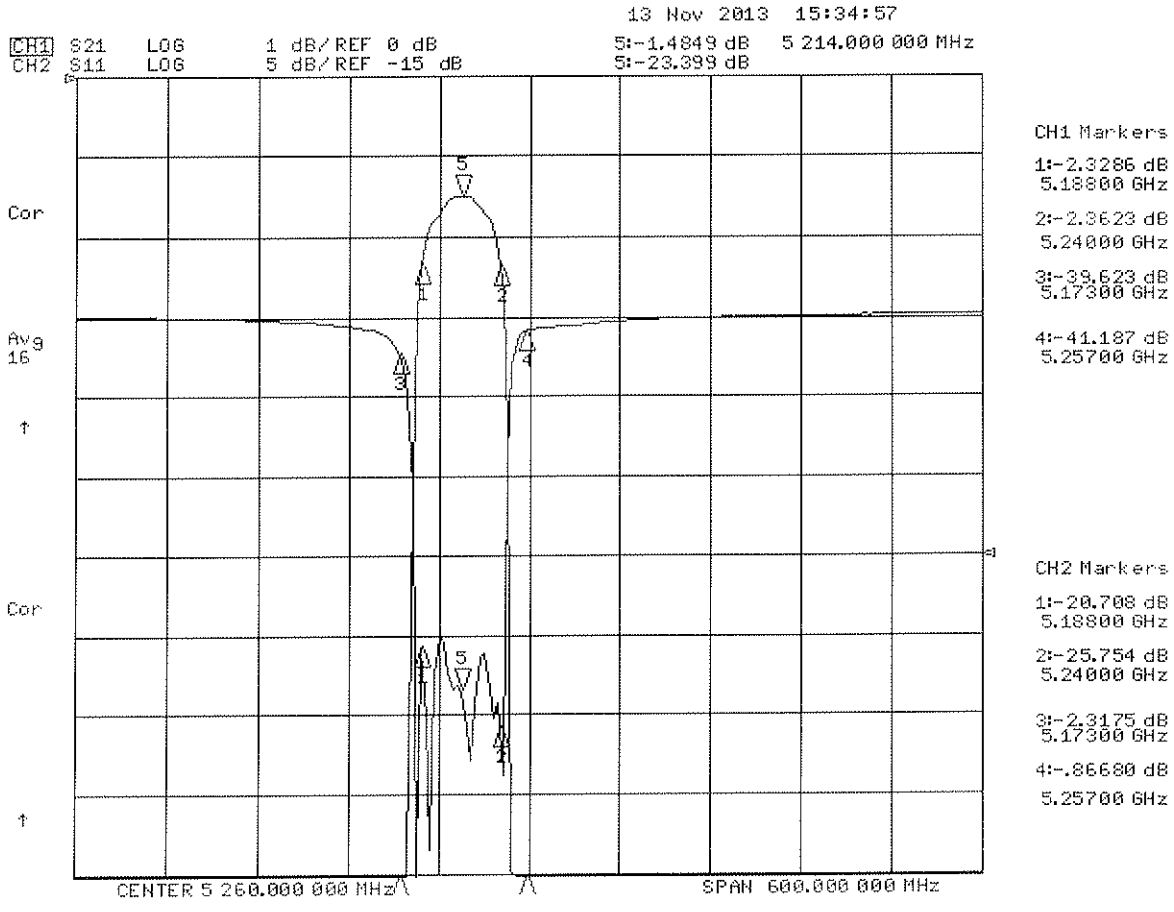
NOTES:

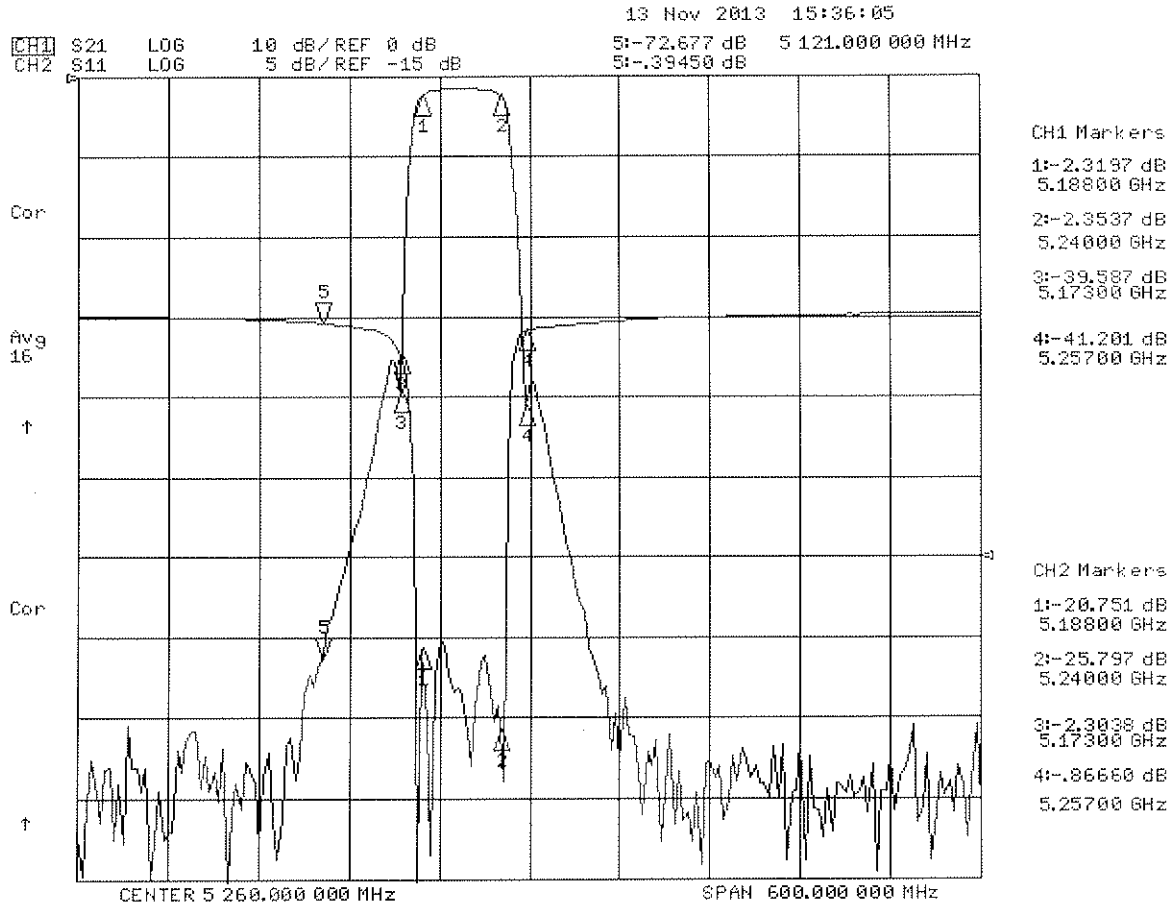
1.BREAK ALL CORNERS & EDGES.005/.010.
2.PLATING:
NaZnCn+NaOh MAX. .0001THICK
Cu PER MIL-C-14550,MAX .0004THICK
Ag PER QQ-S-365,MAX .0005THICK
3.FINAL FINISH:
EPOXY GRAY.

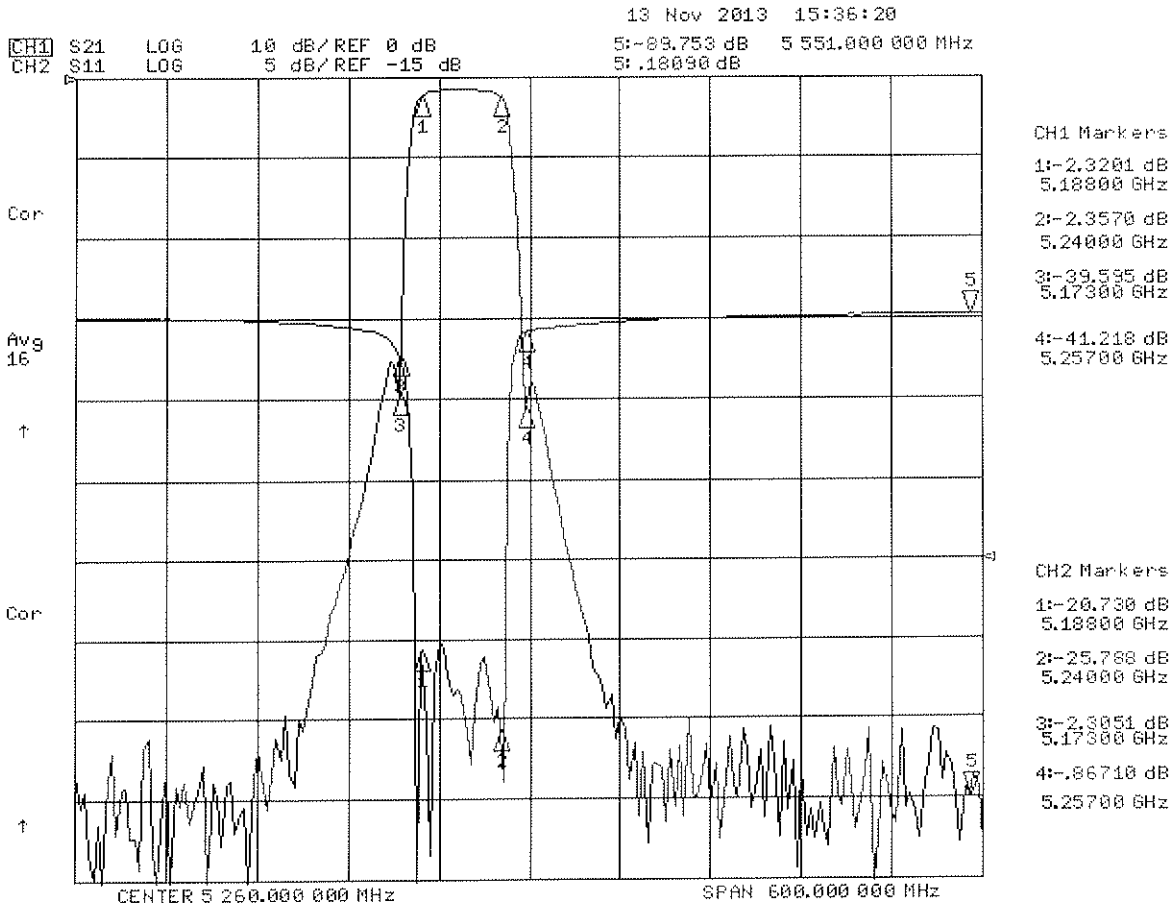
DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ANGLES ± 1° DECIMALS .X ± .05 .XX ± .01 .XXX ± .003	CONTRACT NO:		**G-Way Microwave**
	APPROVALS	DATE	TITLE: Band Pass Filter 5.2 GHz CB5214/52SK-D
TREATMENT	DRAWN Segal	11/13	
FINISH 63	CHECKED		SIZE A | CAGE CODE 3K1H4 | DWG NO: CB5214/52SK-D-1 | REV. 0
MATERIAL AL6061-T6	ENG.		
	DESIGN ACTIVITY		SCALE None | SHEET 1 OF 1

CB5214/295K-D






13 Nov 2013 15:36:05
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -15 dB
5:-72.677 dB 5 121.000 000 MHz
5:-.39450 dB
Cor
Avg 16
CH1 Markers
1:-2.3197 dB 5.18800 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 5.18800 GHz
2:-25.797 dB 5.24000 GHz
3:-2.3038 dB 5.17300 GHz
4:-.86660 dB 5.25700 GHz
CENTER 5 260.000 000 MHz
SPAN 600.000 000 MHz


13 Nov 2013 15:36:20
CH1 S21 LOG 10 dB/ REF 0 dB
CH2 S11 LOG 5 dB/ REF -15 dB
5:-89.753 dB 5 551.000 000 MHz
5:.18090 dB
Cor
Avg 16
CH1 Markers
1:-2.3201 dB 5.18800 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 5.18800 GHz
2:-25.788 dB 5.24000 GHz
3:-2.3051 dB 5.17300 GHz
4:-.86710 dB 5.25700 GHz
CENTER 5 260.000 000 MHz
SPAN 600.000 000 MHz