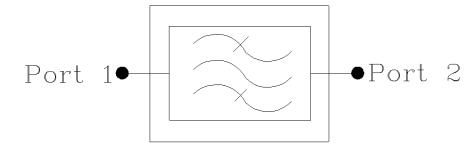
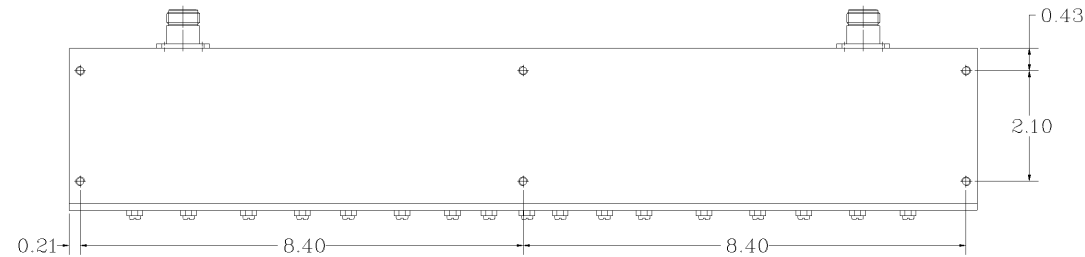
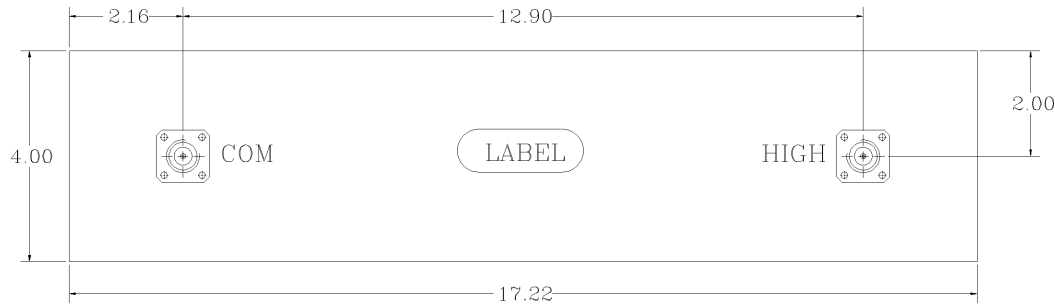
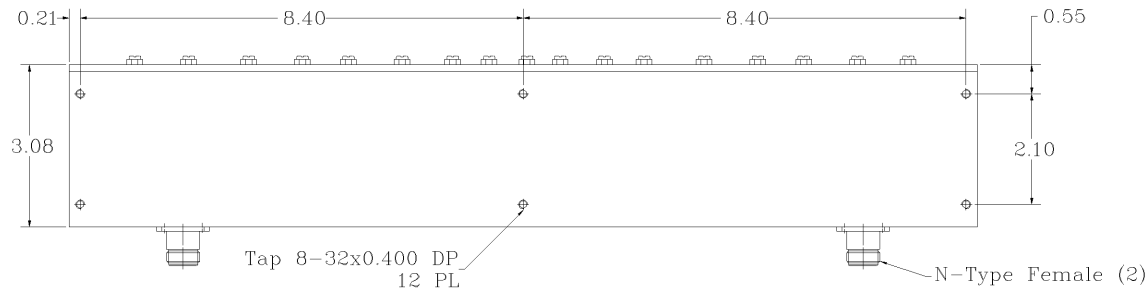


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications
(Across defined Operating Temperature Range)

- *Pass Band Range [MHz] : 930 to 960
- *Pass Band Insertion Loss across passband [dB] : <1.30, 1.1 (Typ.)
- *Pass Band Ripple [dB] : < 0.4 P-T-P
- *Pass Band Atten. @ 880 to 915 MHz [dBc] : 85 (Min.), 87 (Typ.)
- @ 917 to 927 MHz [dBc] : 30 (Min.), 32 (Typ.)
- @ 962.5 to 965.5 MHz [dBc] : 30 (Min.), 32 (Typ.)
- *Pass Band Return Loss [dB] : -16 (Max.), <1.38:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 200 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -0°C TO +45°C

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.

NOTES:

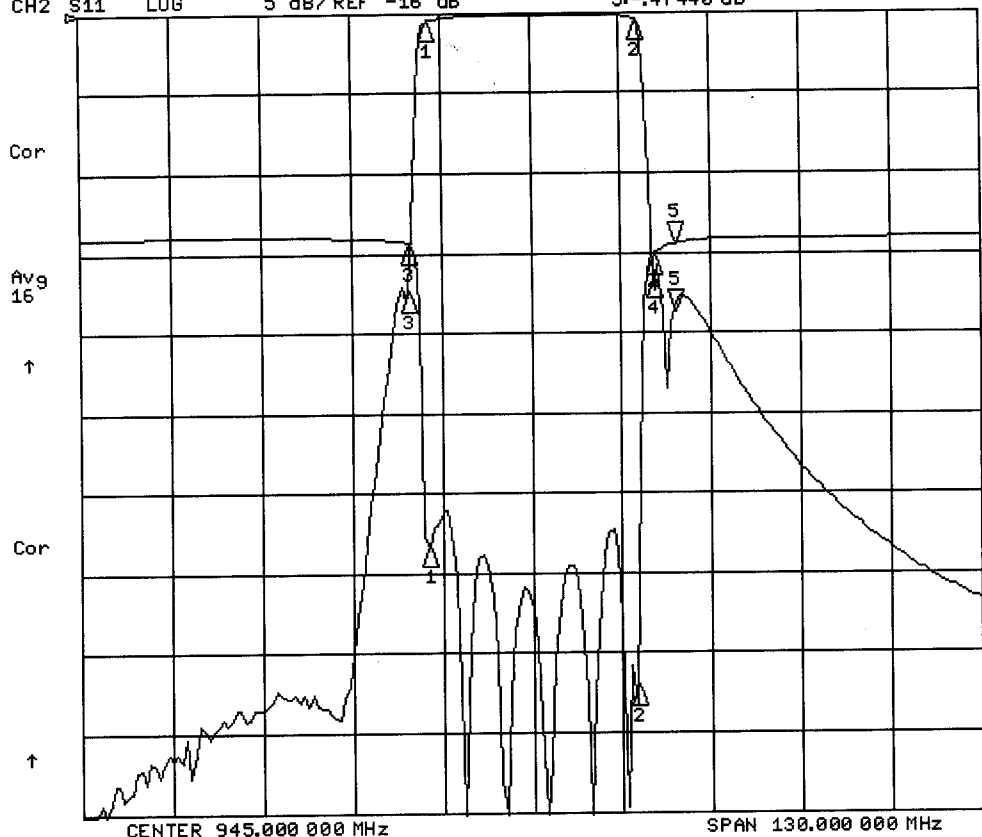
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave					
ANGLES	DECIMALS	APPROVALS	DATE					TITLE	
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Segal	07/09	Filter GSM Tx		SIZE	CAGE CODE	DWG NO:	REV.
TREATMENT		CHECKED		CB945/30HK-D7		A	3K1H4	CB945/30HK-D7-1	0
FINISH	63/	ENG.		SCALE None					SHEET 1 OF 1
MATERIAL	AL6061-T6	DESIGN ACTIVITY							

CB945/30HK-D7

14 Aug 2009 09:31:23

CH1 S21 LOG 10 dB/REF 0 dB 5: -37.389 dB 965.500 000 MHz
 CH2 S11 LOG 5 dB/REF -16 dB 5: -47.440 dB



CH1 Markers

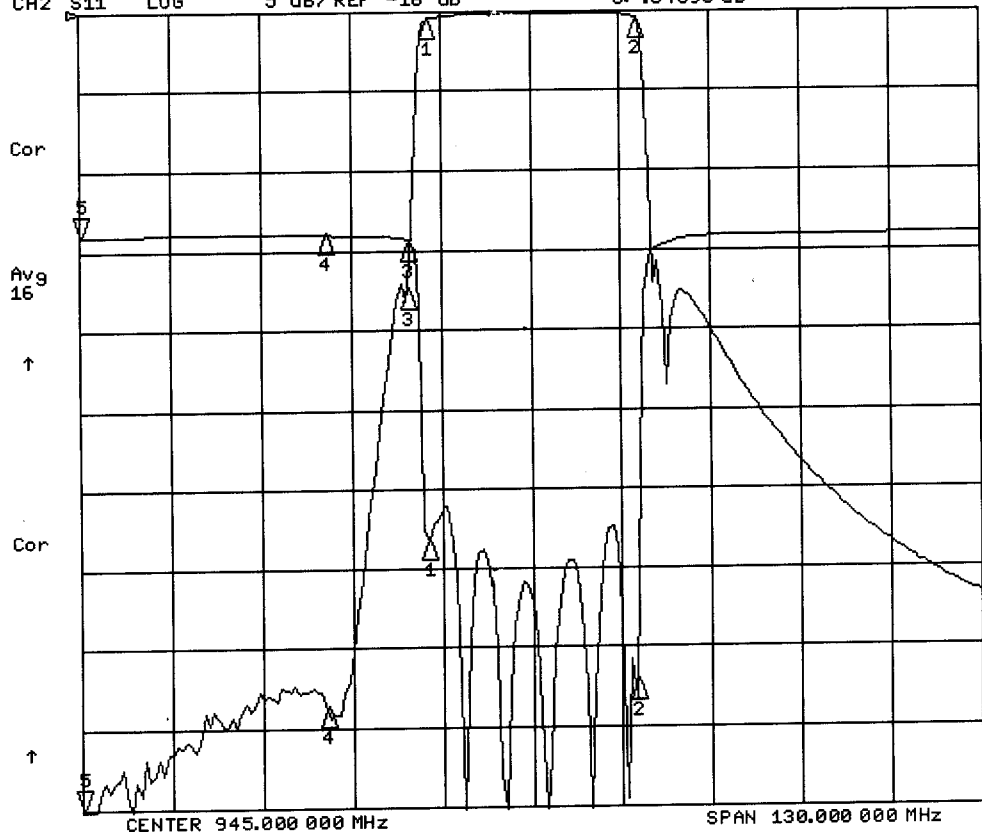
- 1: -97.200 dB
930.000 MHz
- 2: -89.420 dB
960.000 MHz
- 3: -34.784 dB
927.000 MHz
- 4: -33.129 dB
962.500 MHz

CH2 Markers

- 1: -19.289 dB
930.000 MHz
- 2: -28.112 dB
960.000 MHz
- 3: -38.550 dB
927.000 MHz
- 4: -1.1330 dB
962.500 MHz

14 Aug 2009 09:31:38

CH1 S21 LOG 10 dB/REF 0 dB 5: -100.24 dB 880.000 000 MHz
 CH2 S11 LOG 5 dB/REF -16 dB 5: -0.4390 dB



CH1 Markers

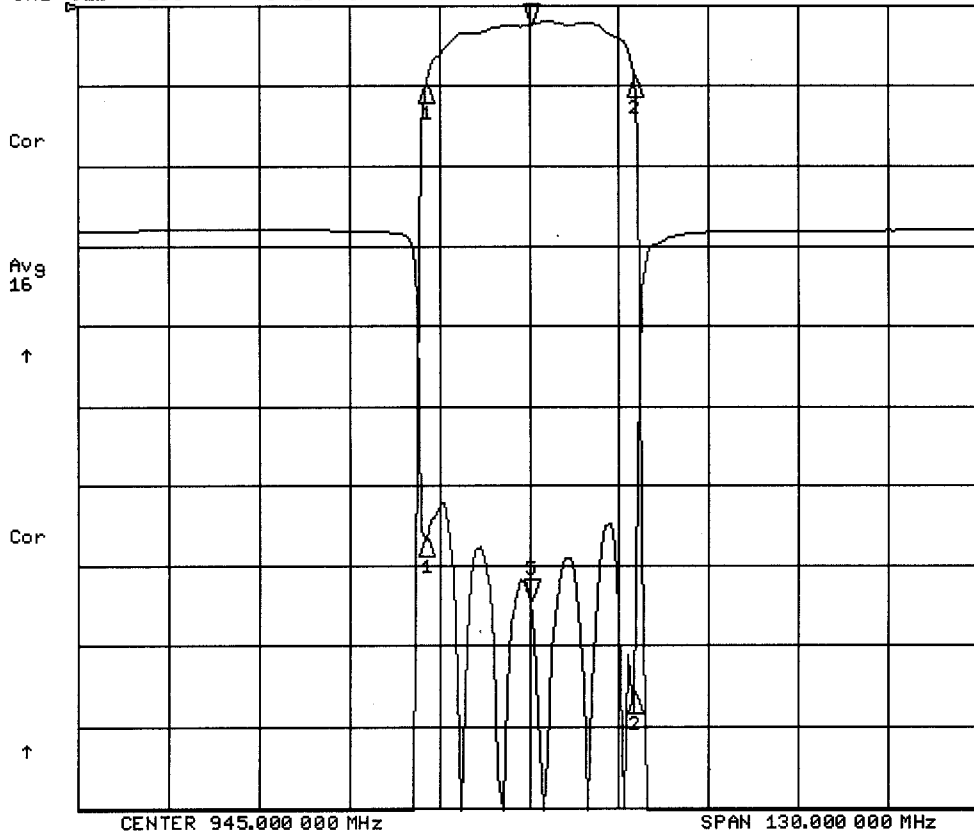
- 1: -96.650 dB
930.000 MHz
- 2: -89.140 dB
960.000 MHz
- 3: -34.808 dB
927.000 MHz
- 4: -87.268 dB
915.000 MHz

CH2 Markers

- 1: -19.178 dB
930.000 MHz
- 2: -28.084 dB
960.000 MHz
- 3: -37.900 dB
927.000 MHz
- 4: -0.1060 dB
915.000 MHz

14 Aug 2009 09:32:00

CH1 S21 LOG 1 dB/REF 0 dB 5: -24.030 dB 945.000 000 MHz
CH2 S11 LOG 5 dB/REF -16 dB 5: -23.147 dB



CH1 Markers
1: -96.460 dB
930.000 MHz
2: -89.000 dB
960.000 MHz

CH2 Markers
1: -19.271 dB
930.000 MHz
2: -28.958 dB
960.000 MHz