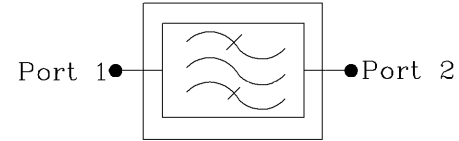
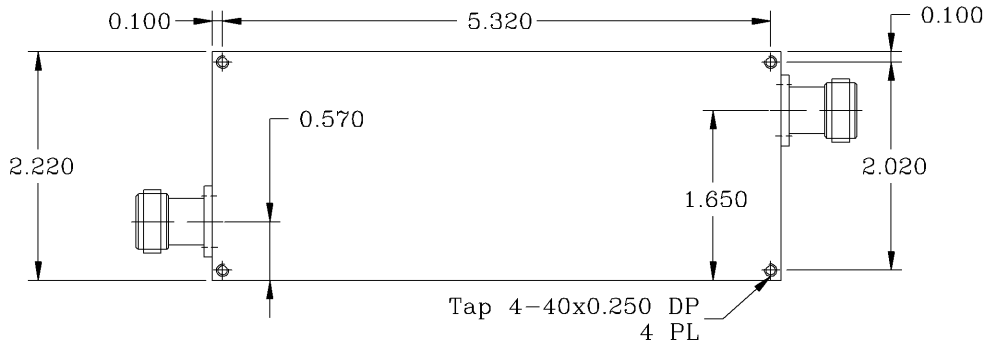
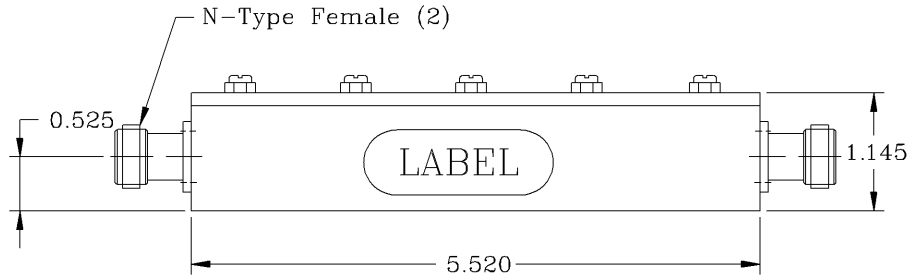


REVISIONS

REV	DATE	APPROVED



*Electrical Specifications*

- \*Pass Band Range [MHz] : 1805 to 1885
- \*Pass Band Insertion Loss Including Ripple [dB] : <1.0
- \*Pass Band Ripple [dB] : <0.5 P-T-P
- \*Rejection @ DC to 1700 MHz [dB] : 80 (Min.), 90 (Typ.)
- @ 1800 & 1890 MHz [dB] : 10 (Min.), 12 (Typ.)
- @ 1780 & 1910 MHz [dB] : 28 (Min.), 30 (Typ.)
- @ 1755 & 1930 MHz [dB] : 48 (Min.), 50 (Typ.)
- @ 1990 to 6000 MHz [dB] : 80 (Min.), 90 (Typ.)
- \*Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 100 Watts
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°C TO +65°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.

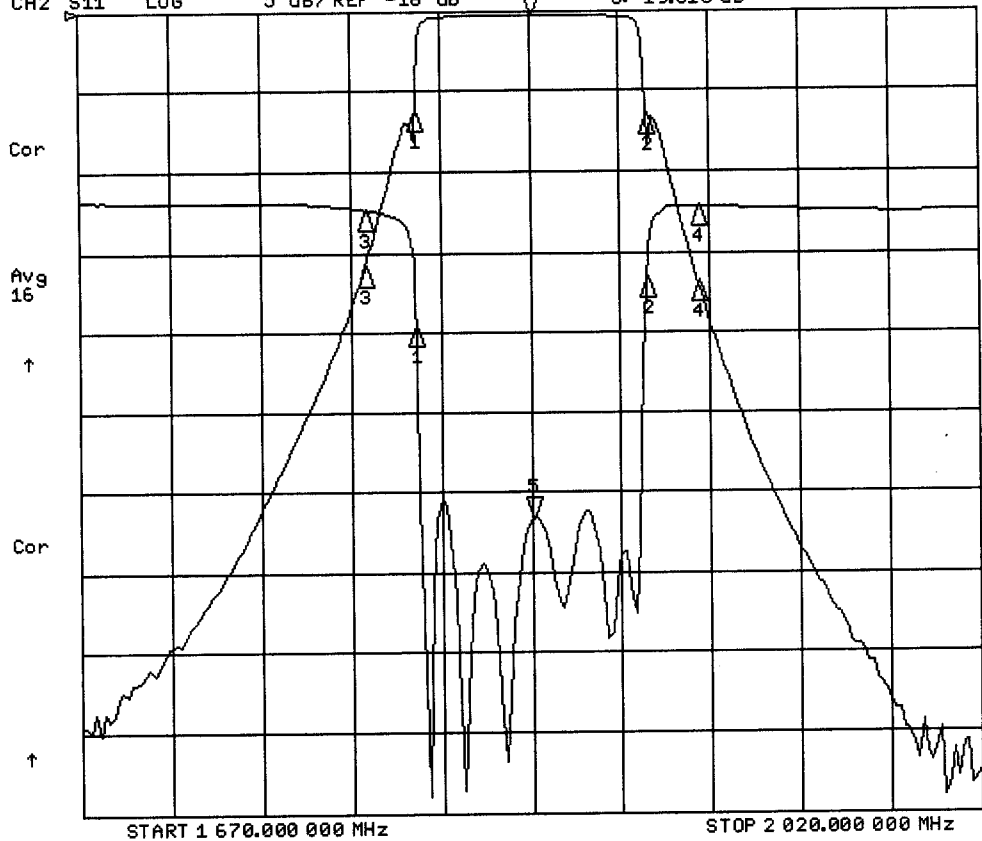
NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		<b>G-Way Microwave</b>					
± 1"	.X ± .05 .XX ± .01 .XXX ± .003	APPROVALS	DATE					TITLE GSM1800 Transmit Filter	
TREATMENT	63/	DRAWN Segal	03/08	CB1845/80HK-B7		SIZE	CAGE CODE	DWG NO:	REV.
FINISH	63/	CHECKED		A	3K1H4	ACB1845/80HK-B7-1			0
MATERIAL		ENG.		SCALE None				SHEET 1 OF 1	

26 Mar 2008 10:14:16

CH1 S21 LOG 10 dB/REF 0 dB 5 5:-.49740 dB 1 845.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5 5:-19.613 dB



CH1 Markers

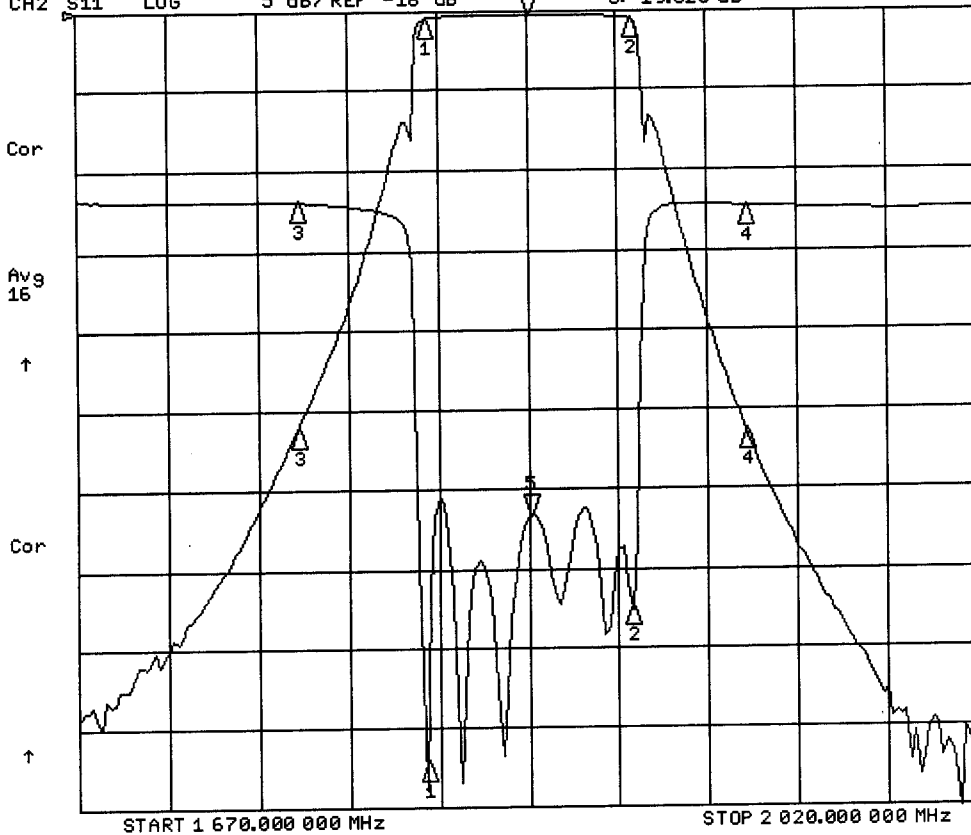
- 1:-12.487 dB  
1.80000 GHz
- 2:-13.056 dB  
1.89000 GHz
- 3:-31.872 dB  
1.78000 GHz
- 4:-33.617 dB  
1.91000 GHz

CH2 Markers

- 1:-7.6526 dB  
1.80000 GHz
- 2:-4.6659 dB  
1.89000 GHz
- 3:-36.210 dB  
1.78000 GHz
- 4:-17.340 dB  
1.91000 GHz

26 Mar 2008 10:14:38

CH1 S21 LOG 10 dB/REF 0 dB 5 5:-.49840 dB 1 845.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5 5:-19.620 dB



CH1 Markers

- 1:-.99900 dB  
1.80500 GHz
- 2:-.98780 dB  
1.88500 GHz
- 3:-52.297 dB  
1.75500 GHz
- 4:-52.818 dB  
1.93000 GHz

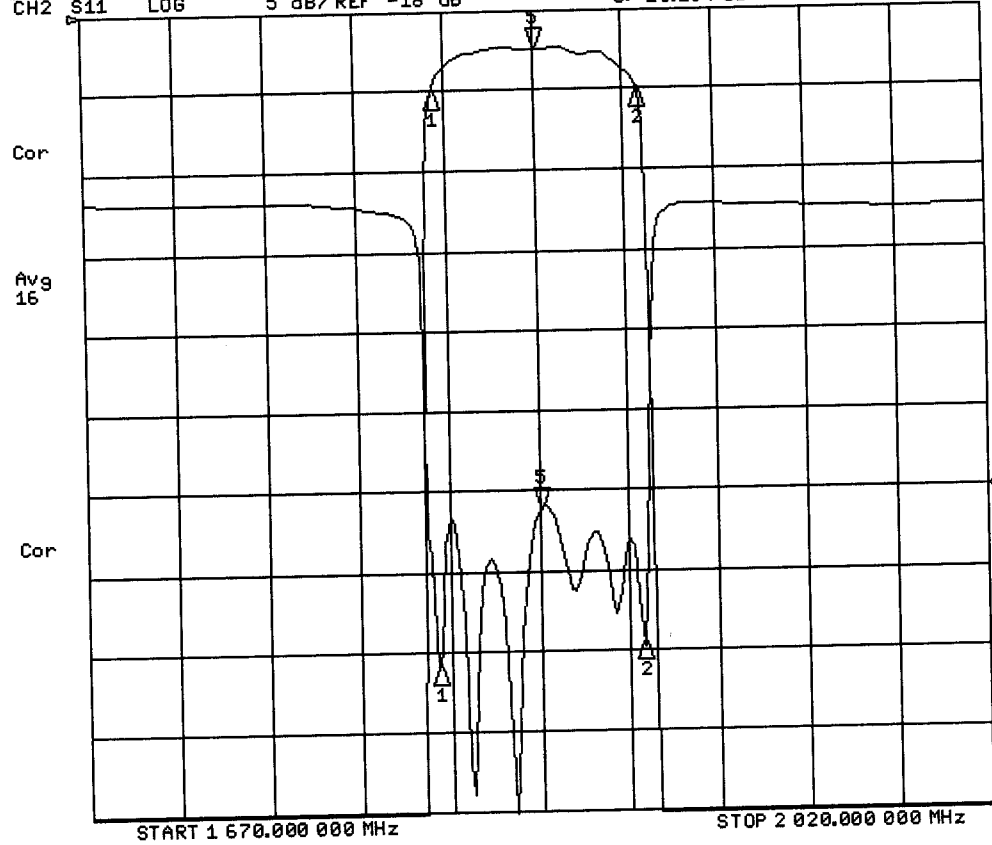
CH2 Markers

- 1:-35.122 dB  
1.80500 GHz
- 2:-25.342 dB  
1.88500 GHz
- 3:-.04000 dB  
1.75500 GHz
- 4:-.24390 dB  
1.93000 GHz

26 Mar 2008 10:07:44

CH1 S21 LOG 1 dB/REF 0 dB  
CH2 S11 LOG 5 dB/REF -18 dB

5: -49670 dB 1 845.000 000 MHz  
5: -19.204 dB



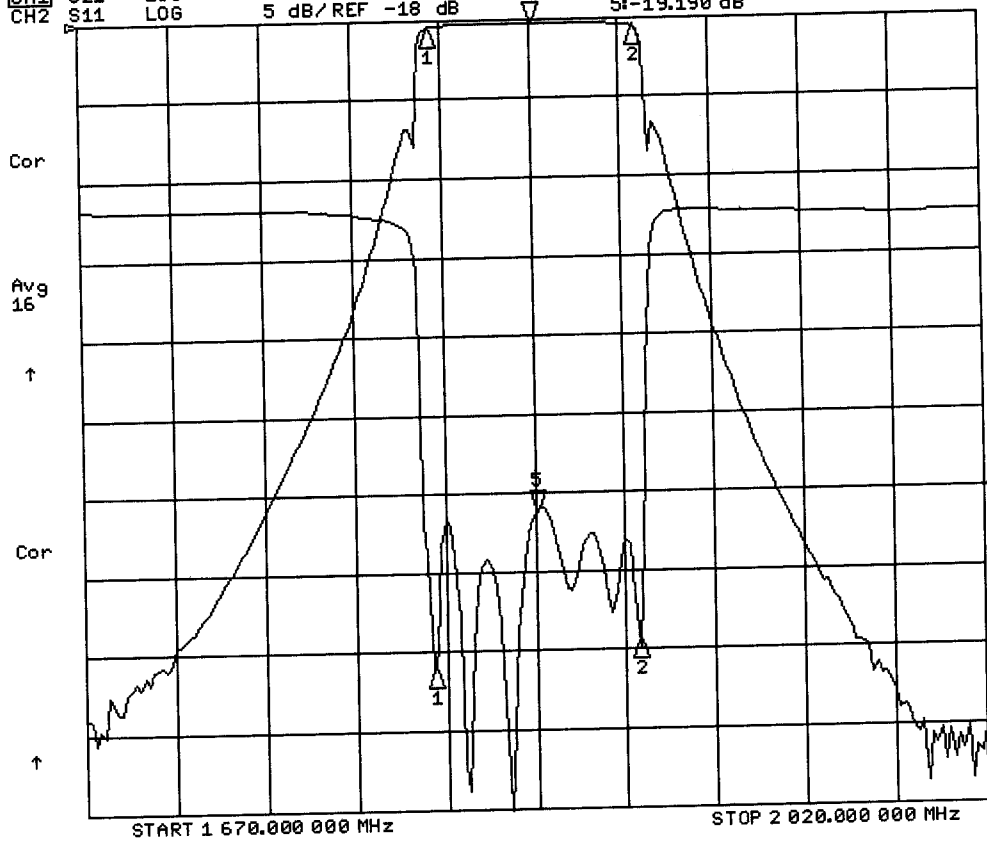
CH1 Markers  
 1: -99450 dB  
 1.80500 GHz  
 2: -98870 dB  
 1.88500 GHz

CH2 Markers  
 1: -28.832 dB  
 1.80500 GHz  
 2: -27.306 dB  
 1.88500 GHz

26 Mar 2008 10:07:51

CH1 S21 LOG 10 dB/REF 0 dB  
CH2 S11 LOG 5 dB/REF -18 dB

5: -49750 dB 1 845.000 000 MHz  
5: -19.190 dB



CH1 Markers  
 1: -99100 dB  
 1.80500 GHz  
 2: -98930 dB  
 1.88500 GHz

CH2 Markers  
 1: -28.981 dB  
 1.80500 GHz  
 2: -27.405 dB  
 1.88500 GHz