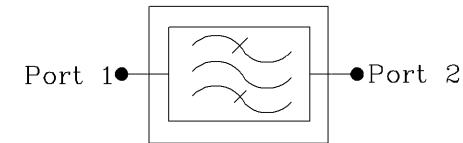
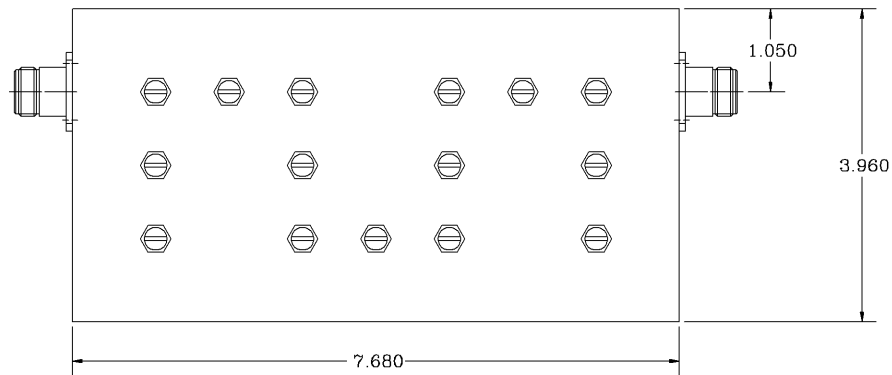
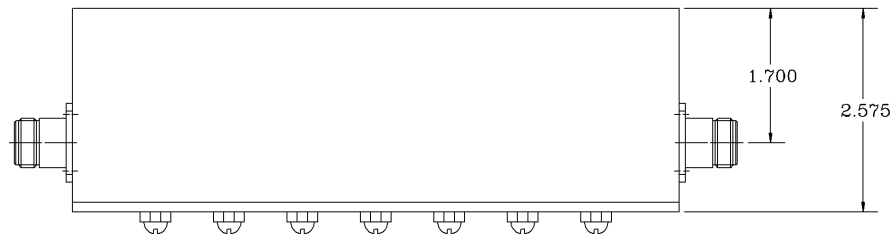
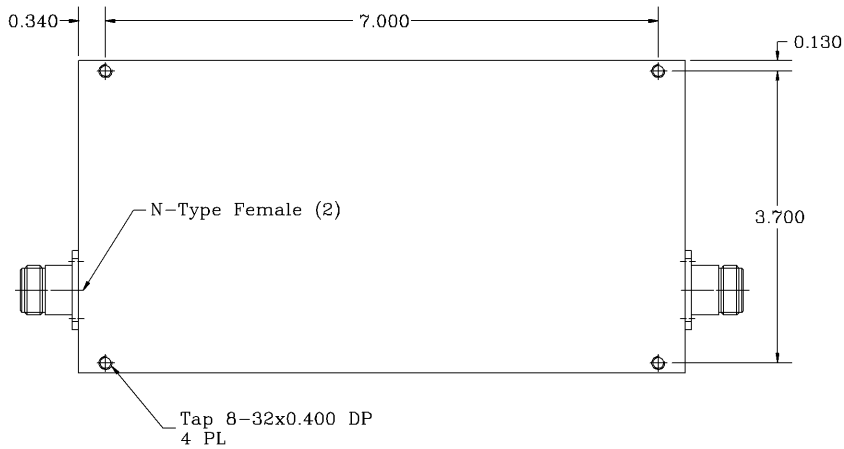


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 895.8 to 905
- *Pass Band Insertion Loss [dB] : < 1.2, 1.0 (Typ.)
- *Pass Band Ripple [dB] : < 0.4 P-T-P
- *Insertion Loss @ 895.8 & 905 MHz [dB] : < 3.0, 2.8 (Typ.)
- *Attenuation @ DC to 850 MHz [dB] : 60 (Min.), 70 (Typ.)
 - @ Passband \pm 1 MHz [dB] : 8 (Min.), 10 (Typ.)
 - @ Passband \pm 2 MHz [dB] : 30 (Min.), 35 (Typ.)
 - @ Passband \pm 3 MHz [dB] : 30 (Min.)
 - @ 930 to 1200 MHz [dB] : 50 (Min.), 60 (Typ.)
- *Ultimate Stop Band Attenuation [dB] : 90 (Min)
- *Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- *Input/Output Impedance : 50 ohm
- *Input/Output @ DC Ground Potential
- *RF Power Capability Average : 30 Watts

OPERATING TEMPERATURE RANGE: -10°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:

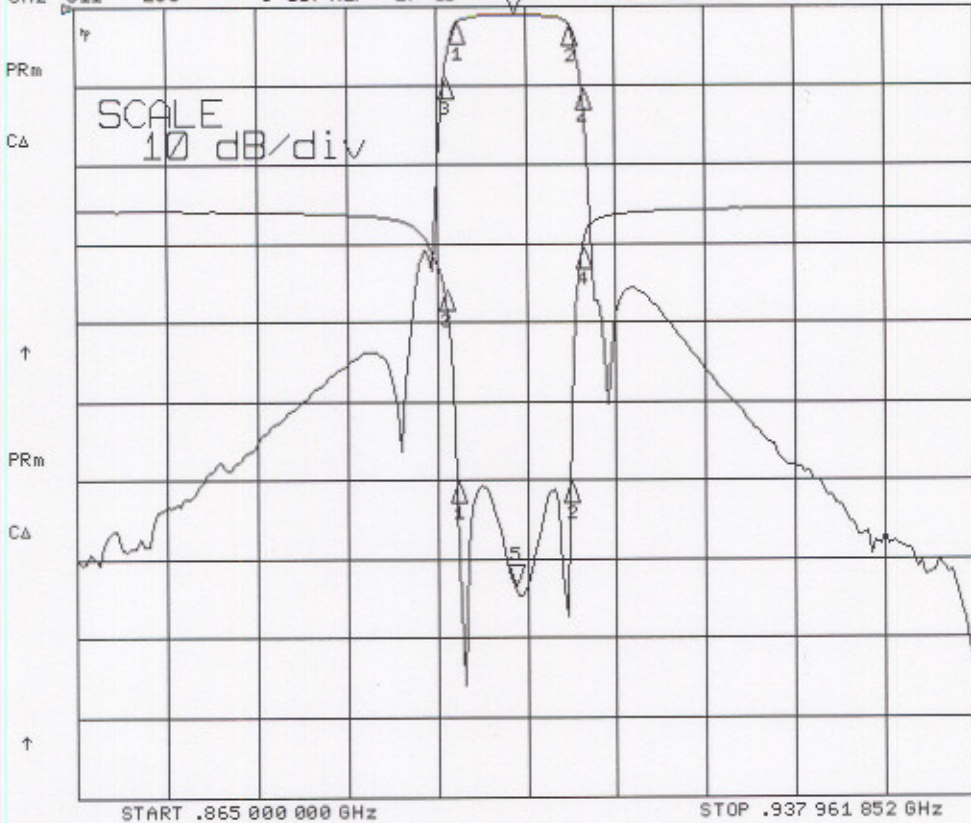
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE Band Pass PS900 Uplink			
$\pm 1^\circ$.X \pm .05 .XX \pm .01 .XXX \pm .003	DRAWN Segal	10/04	CB900/9MK-S1			
TREATMENT	CHECKED	ENG.	DESIGN ACTIVITY	SIZE	CAGE CODE	DWG NO:	REV.
FINISH 63/				A	3K1H4	CB900/9MK-S1-1	0
MATERIAL				SCALE None			SHEET 1 OF 1

CB900/9MK-S1

①

6 Oct 2004 05:57:11
 CH1 S21 LOG 10 dB/REF 0 dB 5: -91000 dB .900 400 000 GHz
 CH2 S11 LOG 5 dB/REF -17 dB 5: -23.737 dB



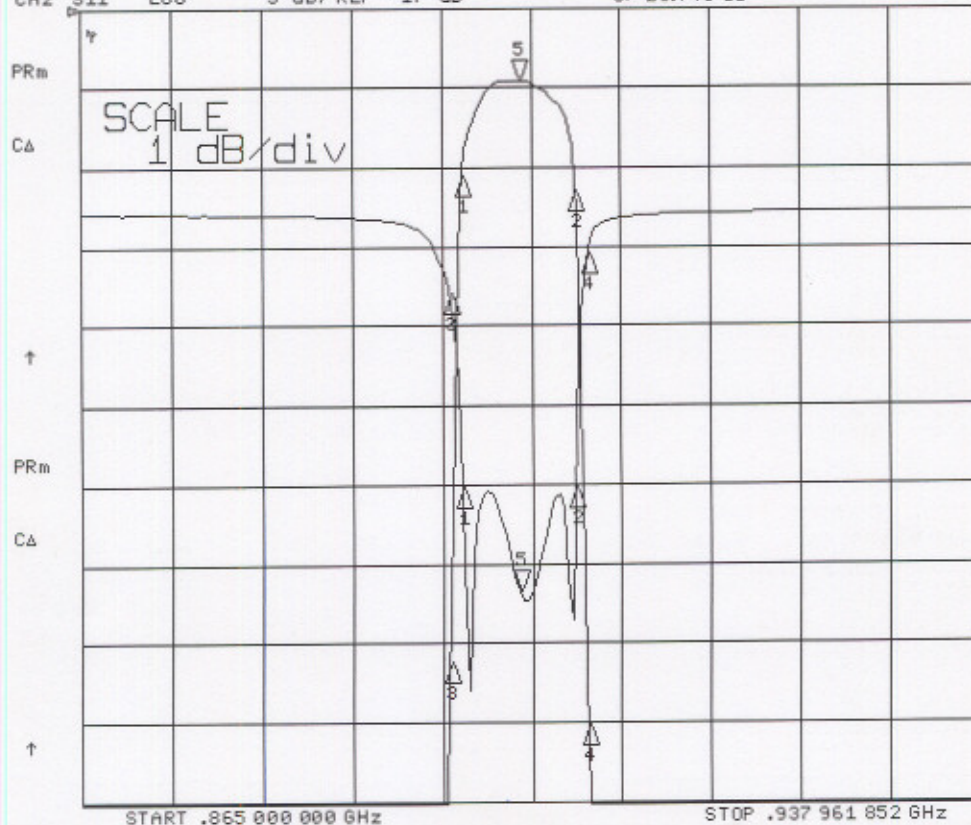
CH1 Markers

- 1: -2.1220 dB
895.800 MHz
- 2: -2.3160 dB
905.000 MHz
- 3: -9.1100 dB
894.800 MHz
- 4: -10.590 dB
906.000 MHz

CH2 Markers

- 1: -17.165 dB
895.800 MHz
- 2: -17.190 dB
905.000 MHz
- 3: -5.1040 dB
894.800 MHz
- 4: -2.4520 dB
906.000 MHz

6 Oct 2004 05:57:19
 CH1 S21 LOG 1 dB/REF 0 dB 5: -91100 dB .900 400 000 GHz
 CH2 S11 LOG 5 dB/REF -17 dB 5: -23.746 dB



CH1 Markers

- 1: -2.1140 dB
895.800 MHz
- 2: -2.3080 dB
905.000 MHz
- 3: -9.1070 dB
894.800 MHz
- 4: -10.579 dB
906.000 MHz

CH2 Markers

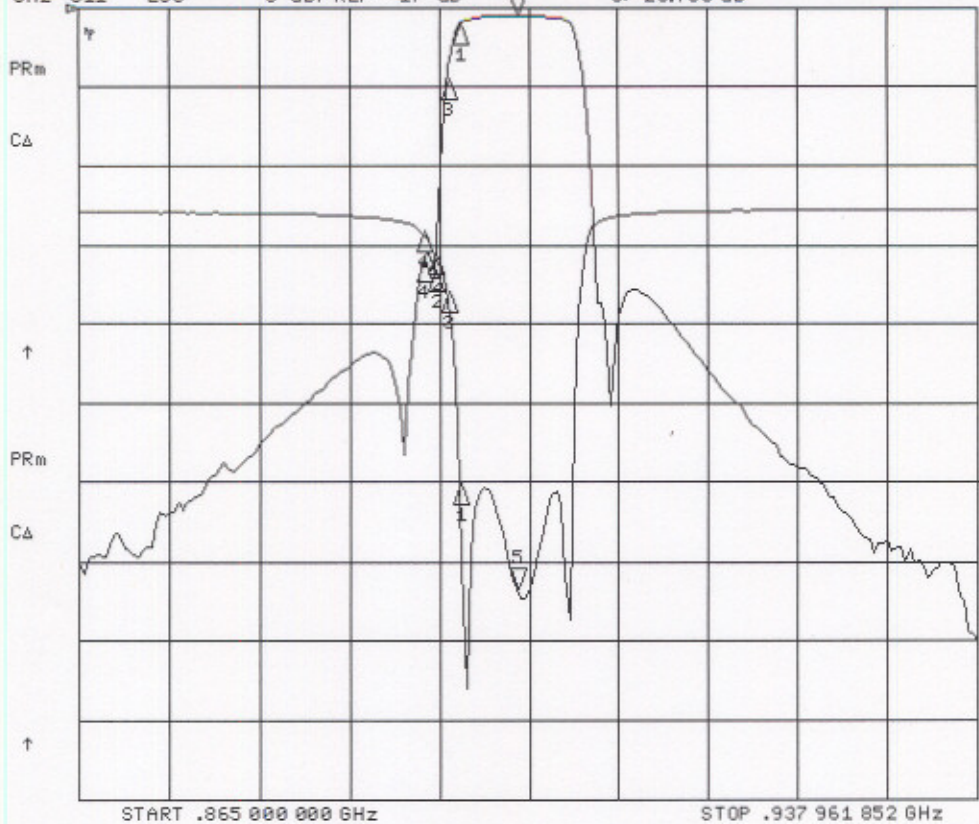
- 1: -17.167 dB
895.800 MHz
- 2: -17.194 dB
905.000 MHz
- 3: -5.1000 dB
894.800 MHz
- 4: -2.4540 dB
906.000 MHz

CB 900/9 MK-S1

②

6 Oct 2004 05:57:49

CH1 S21 LOG 10 dB/REF 0 dB S1:-90.200 dB .900 400 000 GHz
CH2 S11 LOG 5 dB/REF -17 dB S1:-23.733 dB



CH1 Markers

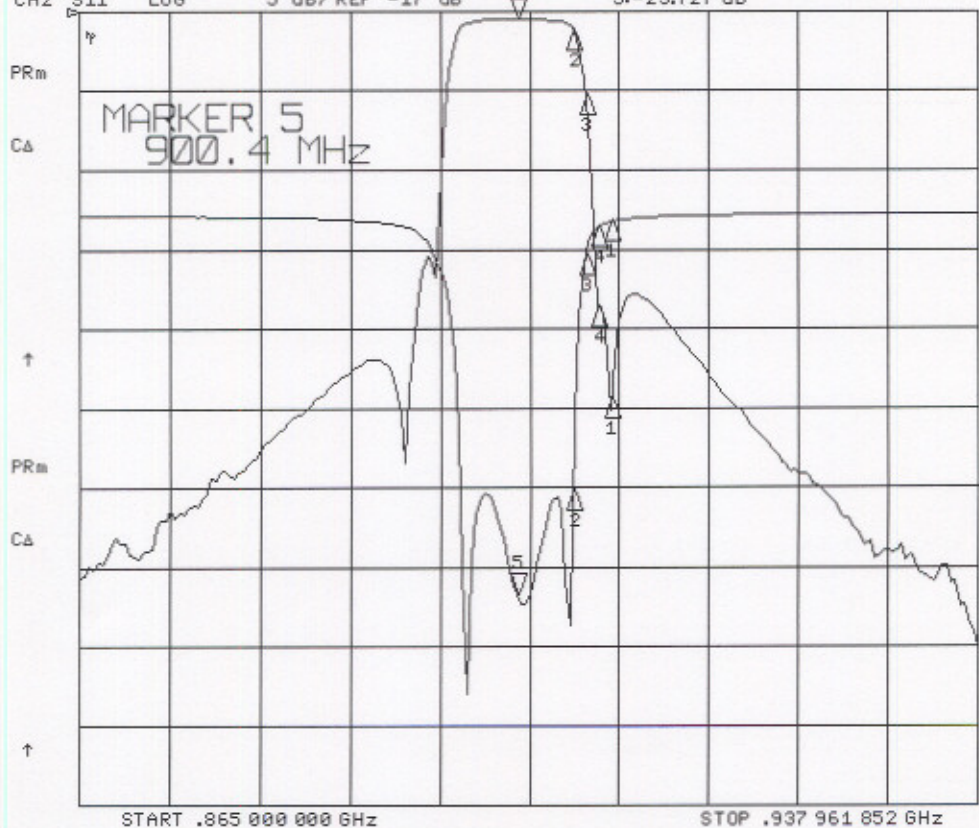
- 1:-2.1230 dB
895.800 MHz
- 2:-33.424 dB
893.800 MHz
- 3:-9.1200 dB
894.800 MHz
- 4:-32.298 dB
892.800 MHz

CH2 Markers

- 1:-17.162 dB
895.800 MHz
- 2:-2.6100 dB
893.800 MHz
- 3:-5.1010 dB
894.800 MHz
- 4:-1.2530 dB
892.800 MHz

6 Oct 2004 05:58:15

CH1 S21 LOG 10 dB/REF 0 dB S1:-91.000 dB .900 400 000 GHz
CH2 S11 LOG 5 dB/REF -17 dB S1:-23.727 dB



CH1 Markers

- 1:-48.969 dB
908.000 MHz
- 2:-2.3080 dB
905.000 MHz
- 3:-10.564 dB
906.000 MHz
- 4:-37.297 dB
907.000 MHz

CH2 Markers

- 1:-.27500 dB
908.000 MHz
- 2:-17.232 dB
905.000 MHz
- 3:-2.4540 dB
906.000 MHz
- 4:-.59900 dB
907.000 MHz