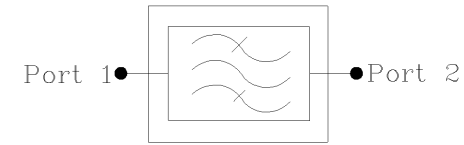
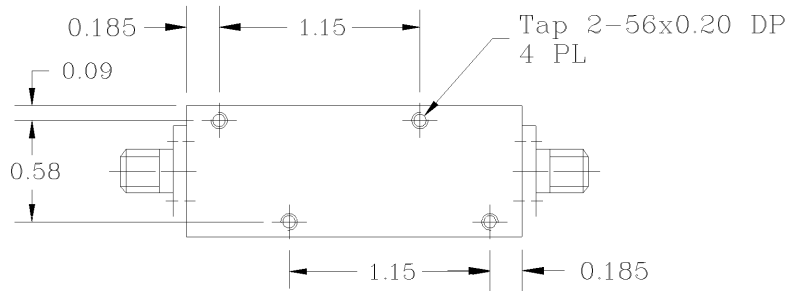
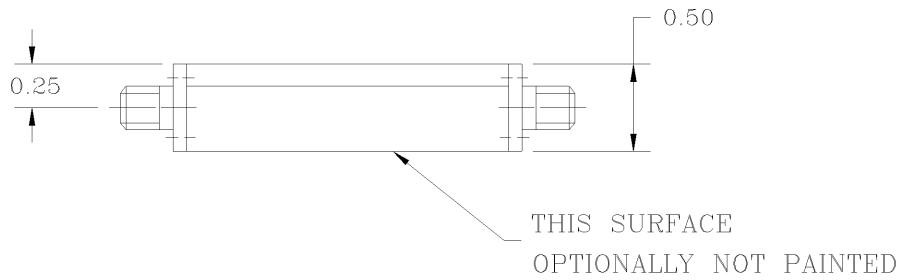
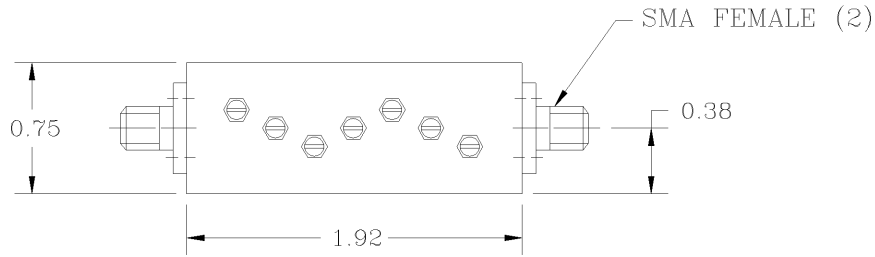


REVISIONS

REV	DATE	APPROVED



Electrical Specifications

- *Passband Center Frequency CF [MHz] : 5150 to 5850
- *Passband Insertion Loss [dB] : < 0.3
- *Attenuation DC to 3950 MHz [dB] : < 40 (Min.), 45 (Typ.)
 - @ 3950 to 4250 MHz [dB] : < 30 (Min.), 35 (Typ.)
 - @ 6800 to 7100 MHz [dB] : < 30 (Min.), 35 (Typ.)
 - @ 7400 to 9400 MHz [dB] : < 60 (Min.), 70 (Typ.)
- *Pass Band Return Loss [dB] : -16 (Max.), <1.4:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 5 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -40°C TO +85°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:

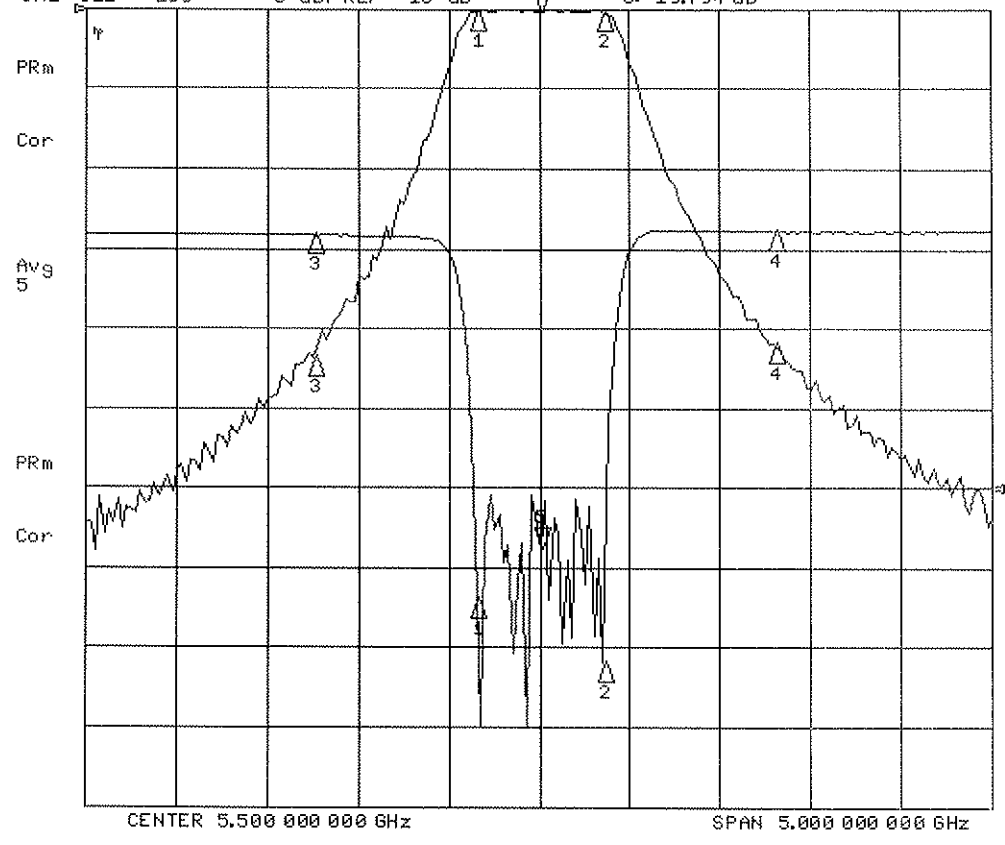
1. BREAK ALL CORNERS & EDGES .005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		G-Way Microwave			
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	APPROVALS	DATE	TITLE Band Pass 5.5 GHz			
TREATMENT		DRAWN Sivak	01/14	CB5500/700SK-B2			
FINISH 63/		CHECKED		SIZE	CAGE CODE	DWG NO:	REV.
MATERIAL AL6061-T6		ENG.		A	3K1H4	CB5500/700SK-B2-1	0
		DESIGN ACTIVITY		SCALE None			SHEET 1 OF 1

CB5500/700 SK-B2

21 Jan 2014 08:40:09

CH1 S21 LOG 10 dB/REF 0 dB 5 5: -16.100 dB 5.500 000 000 GHz
 CH2 S11 LOG 5 dB/REF -16 dB 5 5: -19.794 dB



CH1 Markers

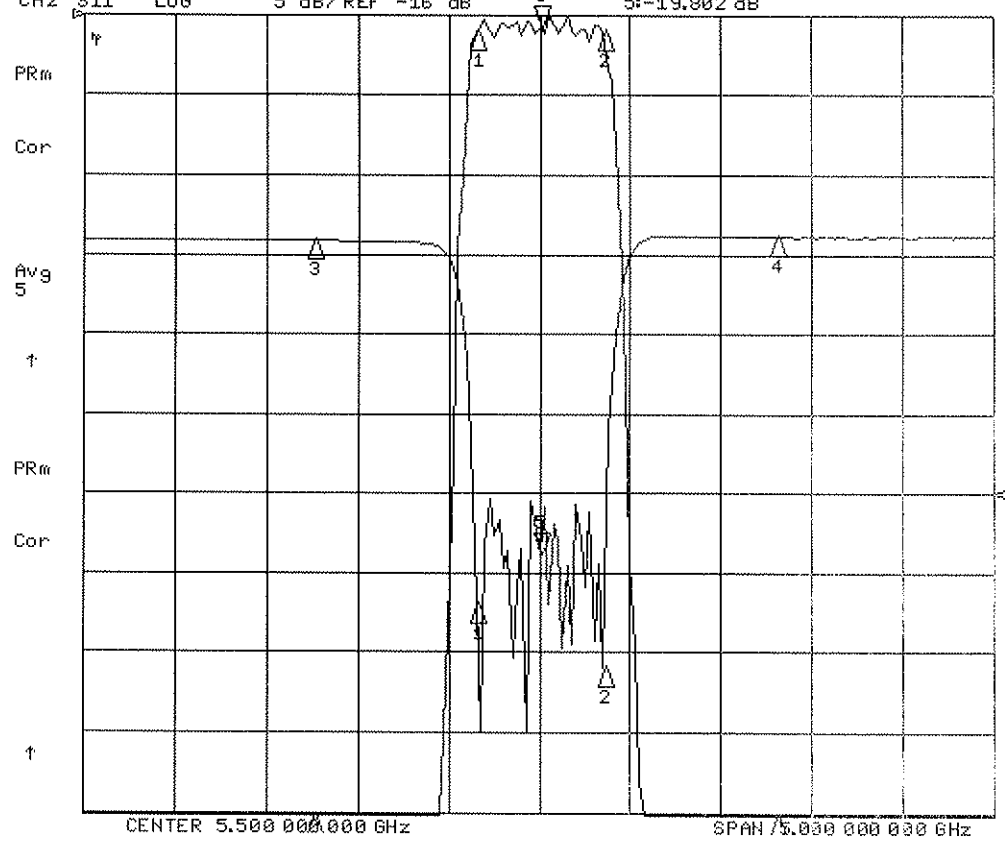
- 1: -20.200 dB
5.15000 GHz
- 2: -21.100 dB
5.85000 GHz
- 3: -43.529 dB
4.25000 GHz
- 4: -41.971 dB
6.80000 GHz

CH2 Markers

- 1: -22.992 dB
5.15000 GHz
- 2: -26.957 dB
5.85000 GHz
- 3: -11.600 dB
4.25000 GHz
- 4: .09500 dB
6.80000 GHz

21 Jan 2014 08:40:27

CH1 S21 LOG 1 dB/REF 0 dB 5 5: -15.900 dB 5.500 000 000 GHz
 CH2 S11 LOG 5 dB/REF -16 dB 5 5: -19.802 dB



CH1 Markers

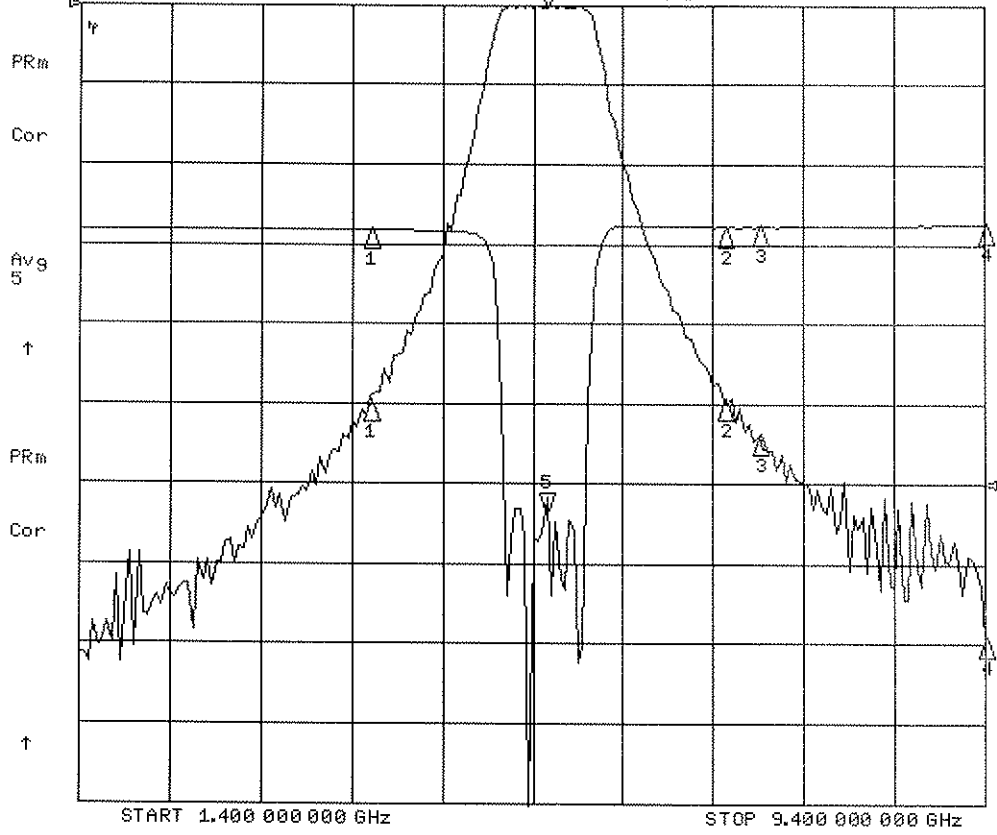
- 1: -20.500 dB
5.15000 GHz
- 2: -20.600 dB
5.85000 GHz
- 3: -43.520 dB
4.25000 GHz
- 4: -41.979 dB
6.80000 GHz

CH2 Markers

- 1: -22.977 dB
5.15000 GHz
- 2: -26.909 dB
5.85000 GHz
- 3: -11.700 dB
4.25000 GHz
- 4: .09400 dB
6.80000 GHz

21 Jan 2014 08:41:12

CH1 S21 LOG 10 dB/REF 0 dB 5 5: -20.000 dB 5.500 000 000 GHz
CH2 S11 LOG 5 dB/REF -16 dB 5 5: -17.920 dB



CH1 Markers

- 1: -49.857 dB
3.95000 GHz
- 2: -49.530 dB
7.10000 GHz
- 3: -53.998 dB
7.40000 GHz
- 4: -79.266 dB
9.40000 GHz

CH2 Markers

- 1: -11.600 dB
3.95000 GHz
- 2: -0.08700 dB
7.10000 GHz
- 3: -0.94000 dB
7.40000 GHz
- 4: -2.55000 dB
9.40000 GHz