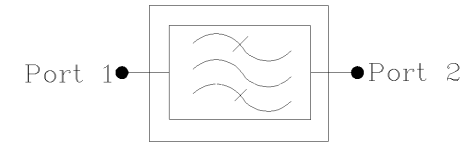
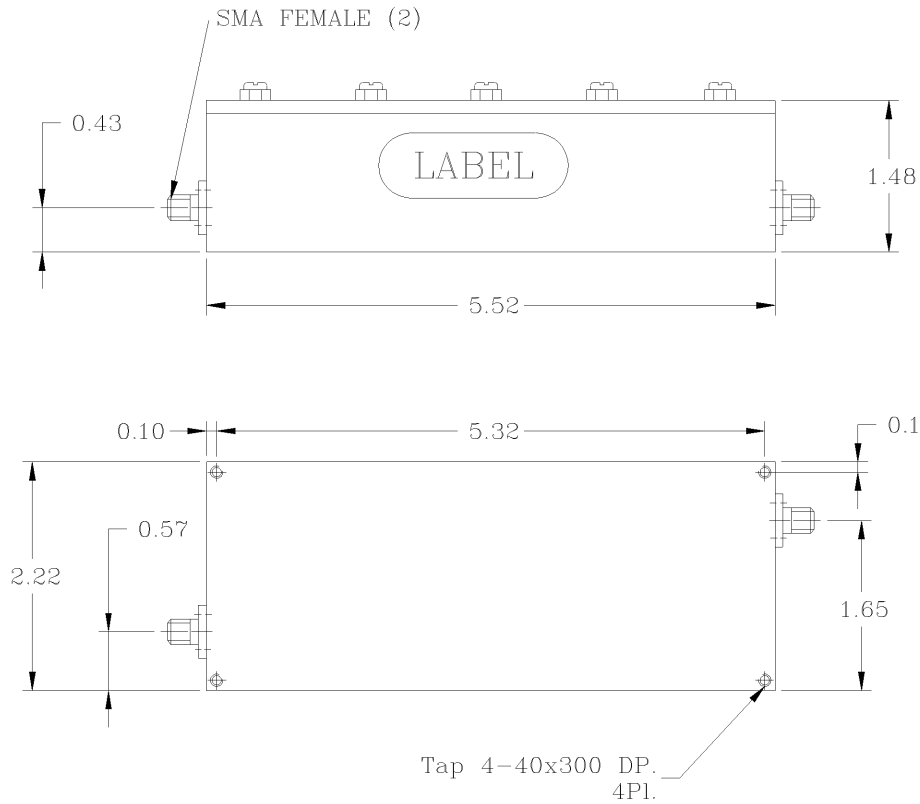


REVISIONS			
REV		DATE	APPROVED
A	Dimentions changed to meet power	10/08	G. David



Optional Environmental Seal to IP65.

Electrical Specifications

*Pass Band Range [MHz]	: 2189 to 2205
*Pass Band Insertion Loss [dB]	: <0.8
*Pass Band Ripple [dB]	: <0.3 P-T-P
*Rejection DC to 2137 MHz [dB]	: 60 (Min.), 80 (Typ.)
@ 2258 to 3500 MHz [dB]	: 65 (Min.), 80 (Typ.)
@ 3500 to 5600 MHz [dB]	: 85 (Min.), 95 (Typ.)
*Pass Band Return Loss [dB]	: -17 (Max.), <1.32:1
*Input/Output Impedance	: 50 ohm
*RF Power Capability CW	: 100 Watts
*Input/Output @ DC Ground Potential	

OPERATING TEMPERATURE RANGE: -45°C TO +75°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:

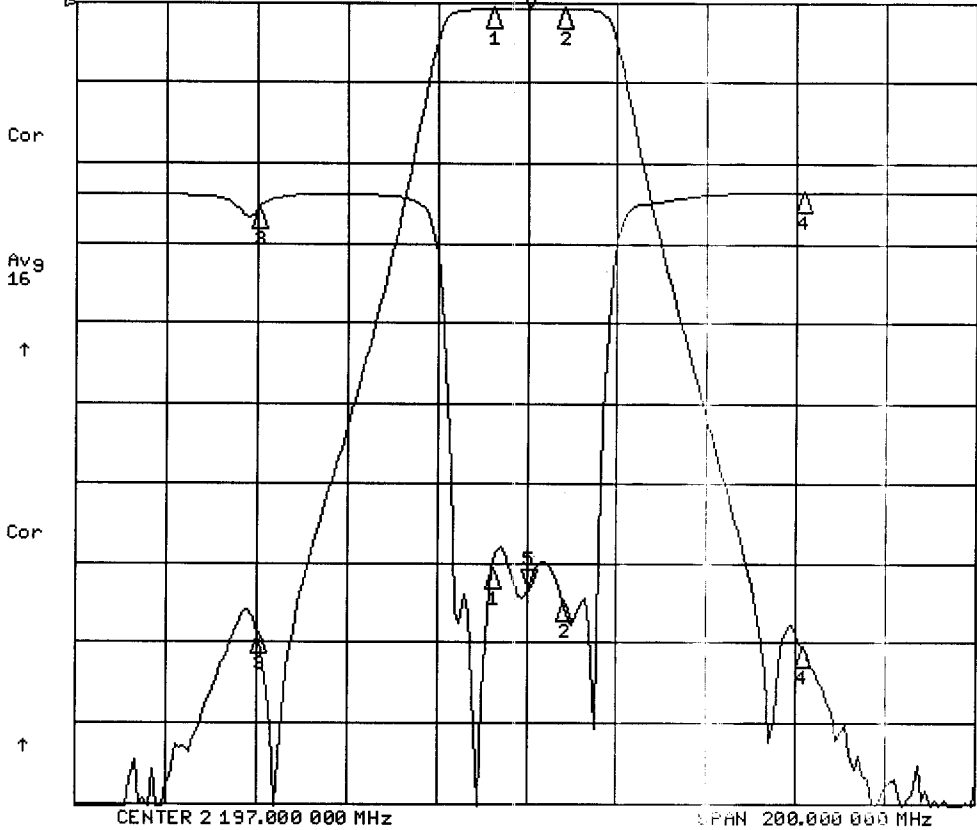
- BREAK ALL CORNERS & EDGES.005/.010.
- FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES: TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		G-Way Microwave	
± 1"	.X ± .05 .XX ± .01 .XXX ± .003	APPROVALS	DATE		
TREATMENT		DRAWN Sivak	09/08	CHECKED	SIZE CAGE CODE DWG NO: REV.
FINISH 63/		DESIGN ACTIVITY			A 3K1H4 CB2197/16MK-B5-1 A
MATERIAL				SCALE None	SHEET 1 OF 1

CB2197/16MK-B5

5 Sep 2008 09:38:43

CH1 S21 LOG 10 dB/REF 0 dB 5: -69.440 dB 2 197.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5: -24.694 dB



CH1 Markers

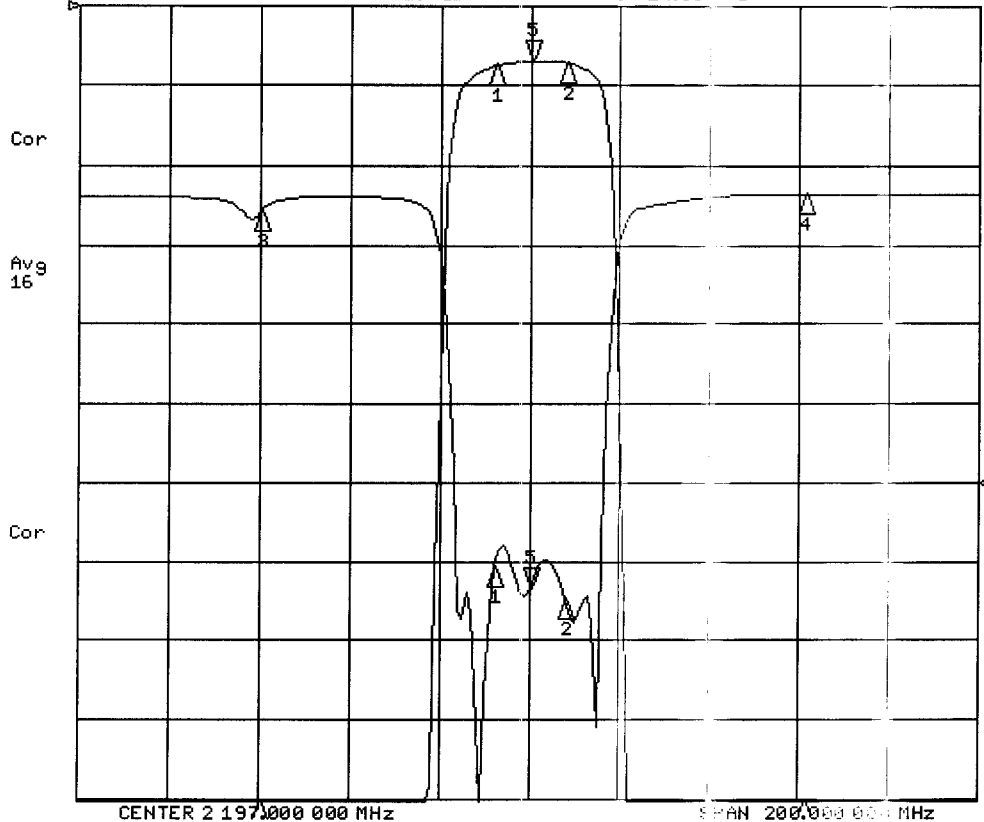
- 1: -75.410 dB
2.18900 GHz
- 2: -72.030 dB
2.20500 GHz
- 3: -78.857 dB
2.13700 GHz
- 4: -80.690 dB
2.25800 GHz

CH2 Markers

- 1: -23.415 dB
2.18900 GHz
- 2: -25.483 dB
2.20500 GHz
- 3: -84.660 dB
2.13700 GHz
- 4: -19.980 dB
2.25800 GHz

5 Sep 2008 09:38:47

CH1 S21 LOG 1 dB/REF 0 dB 5: -69.240 dB 2 197.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5: -24.694 dB



CH1 Markers

- 1: -75.320 dB
2.18900 GHz
- 2: -71.990 dB
2.20500 GHz
- 3: -79.080 dB
2.13700 GHz
- 4: -80.981 dB
2.25800 GHz

CH2 Markers

- 1: -23.438 dB
2.18900 GHz
- 2: -25.475 dB
2.20500 GHz
- 3: -87.140 dB
2.13700 GHz
- 4: -20.280 dB
2.25800 GHz

5 Sep 2008 09:40:42

CH1 S21 LOG 10 dB/REF 0 dB

5: -112.15 dB 5 600.000 000 MHz

Cor

Avg
16

↑

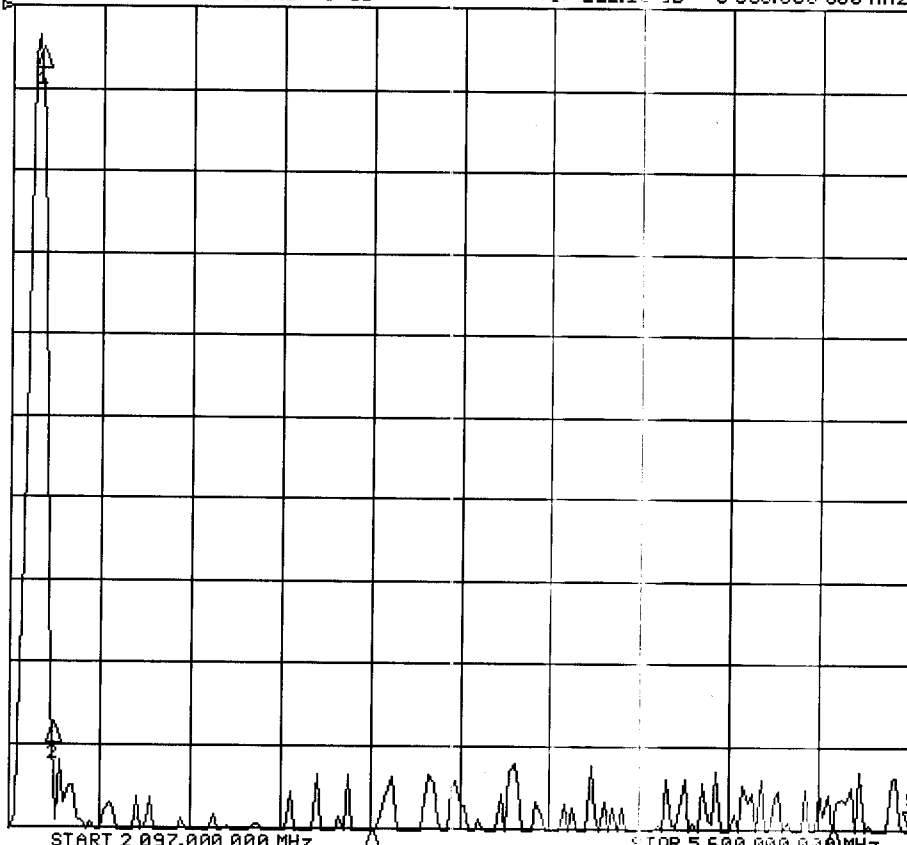
CH1 Markers

1: -5.2439 dB
2.20500 GHz

2: -87.296 dB
2.25800 GHz

3: -109.94 dB
3.50000 GHz

4: -100.60 dB
5.30000 GHz



START 2 097.000 000 MHz

STOP 5 600.000 000 MHz