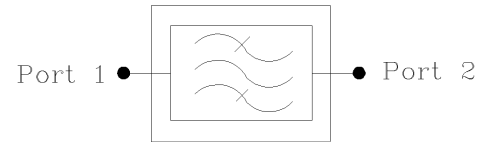
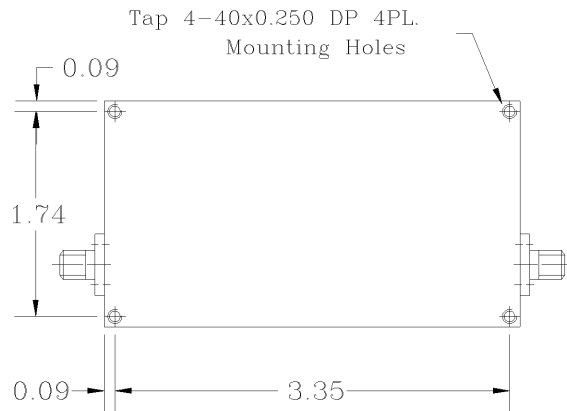


REVISIONS			
REV		DATE	APPROVED
A	Specs modified to reflect actual performance.	05/11	G. David



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 3400 to 3600
- *Pass Band Insertion Loss [dB] : < 0.5, 0.4 (Typ.)
- *Pass Band Ripple [dB] : < 0.4 P-T-P
- *Attenuation DC to 3200 MHz [dB] : 40 (Min.), 45 (Typ.)
- @ 3800 to 6000 MHz [dB] : 50 (Min.), 55 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.32:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -10°C TO +80°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:

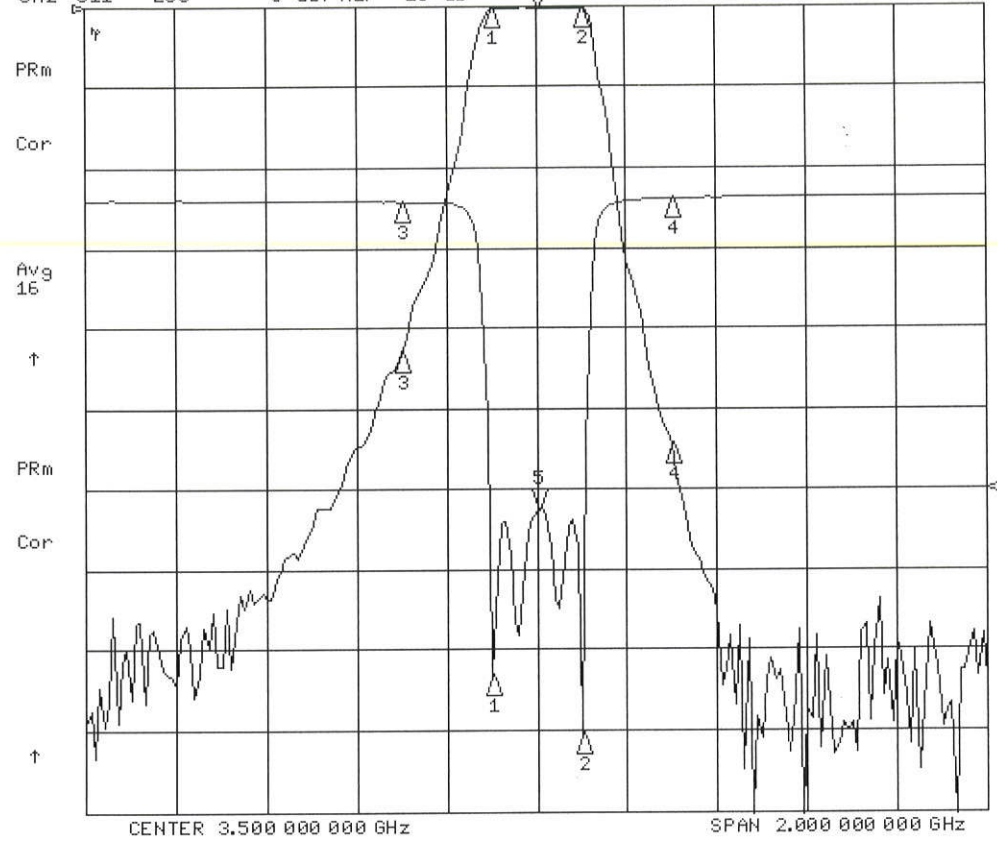
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES: TOLERANCES ARE		CONTRACT NO:		G-Way Microwave					
ANGLES	DECIMALS	APPROVALS	DATE					TITLE Band Pass Filter 3500 MHz	
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Sivak	05/11	CB3500/200SK-B		SIZE	CAGE CODE	DWG NO:	REV.
TREATMENT		CHECKED		A	3K1H4	CB3500/200SK-B-1		A	
FINISH	63/	ENG.		SCALE None		SHEET 1 OF 1			
MATERIAL		DESIGN ACTIVITY							

CB3500/2005K-B

6 May 2011 11:53:06

CH1 S21 LOG 10 dB/REF 0 dB 5 5:-.31800 dB 3.500 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5 5:-19.344 dB



CH1 Markers

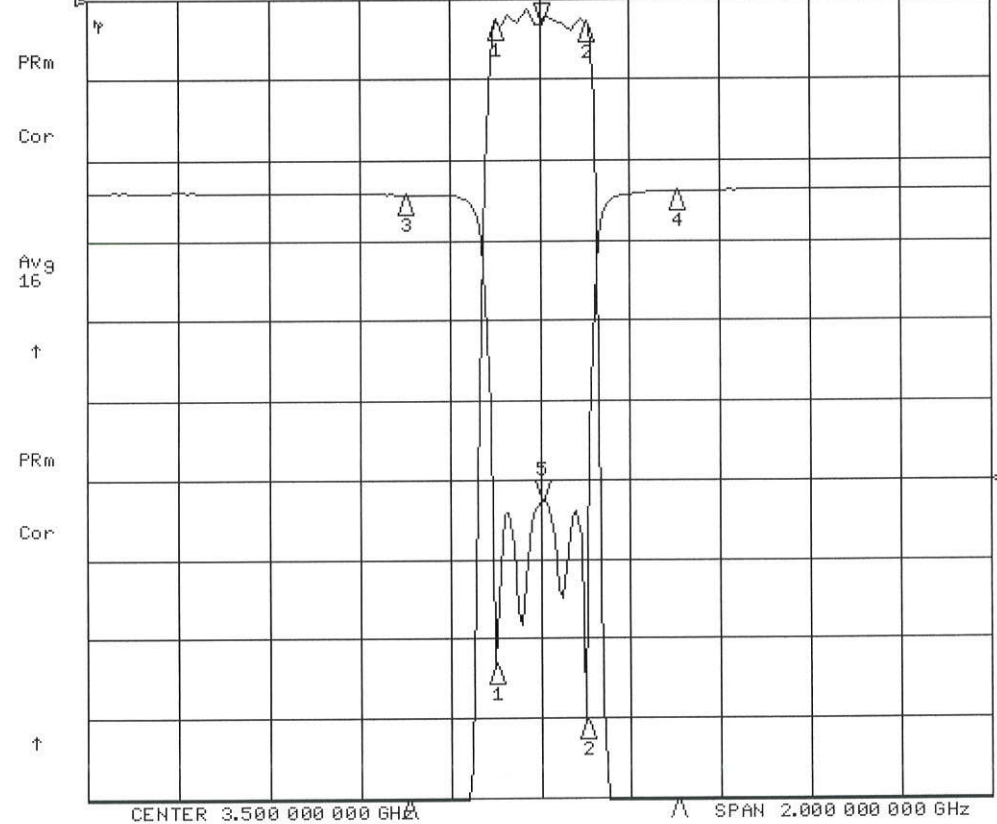
- 1:-.26800 dB
3.40000 GHz
- 2:-.29900 dB
3.60000 GHz
- 3:-43.178 dB
3.20000 GHz
- 4:-54.311 dB
3.80000 GHz

CH2 Markers

- 1:-29.635 dB
3.40000 GHz
- 2:-33.243 dB
3.60000 GHz
- 3:-132.00 dB
3.20000 GHz
- 4:.08800 dB
3.80000 GHz

6 May 2011 11:53:09

CH1 S21 LOG 1 dB/REF 0 dB 5 5:-.31700 dB 3.500 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5 5:-19.330 dB



CH1 Markers

- 1:-.26800 dB
3.40000 GHz
- 2:-.30100 dB
3.60000 GHz
- 3:-43.184 dB
3.20000 GHz
- 4:-54.314 dB
3.80000 GHz

CH2 Markers

- 1:-29.701 dB
3.40000 GHz
- 2:-33.148 dB
3.60000 GHz
- 3:-131.00 dB
3.20000 GHz
- 4:.08100 dB
3.80000 GHz