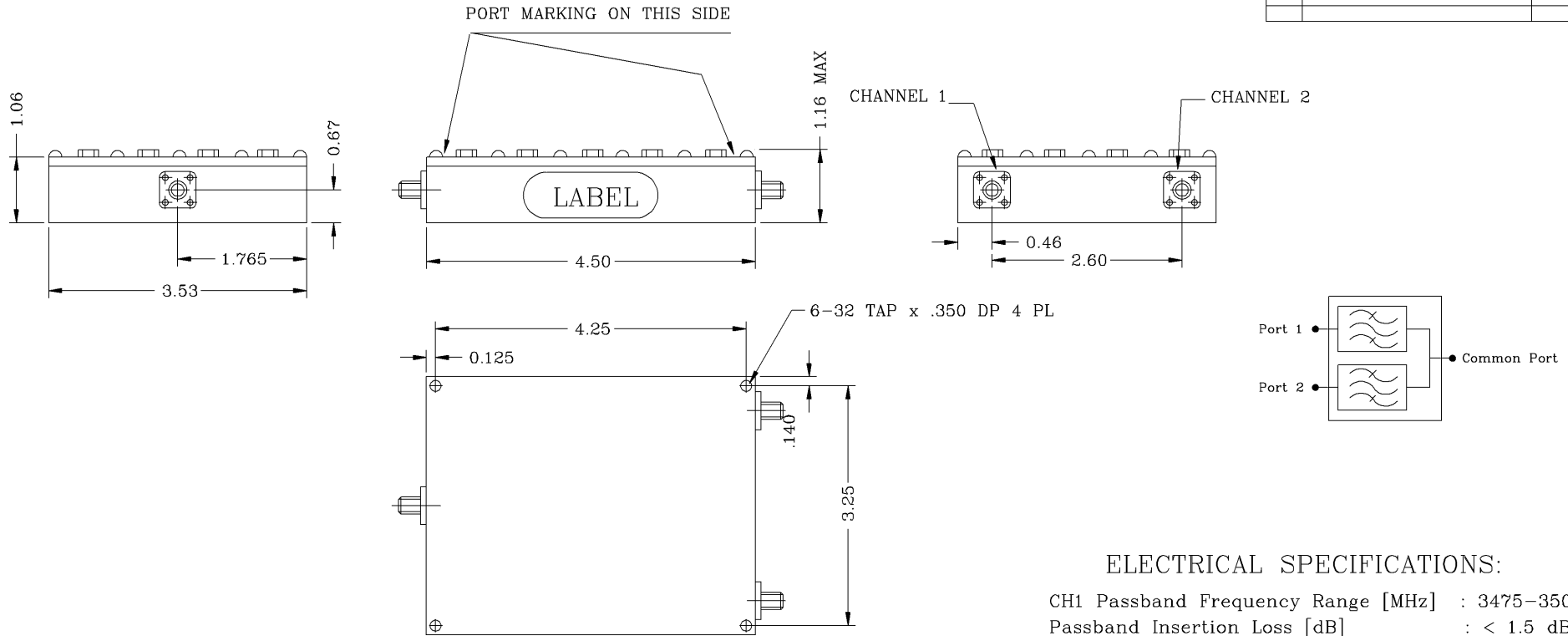


REVISIONS			
REV		DATE	APPROVED



### ELECTRICAL SPECIFICATIONS:

CH1 Passband Frequency Range [MHz] : 3475-3500  
 Passband Insertion Loss [dB] : < 1.5 dB  
 Ripple in Passband [dB] : < 0.5 P.T.P.

CH1 Rejection DC to 3300 MHz [dBc] : 55 (Min.)  
 3575-3600 MHz [dBc] : 85 (Min.)

CH2 Passband Frequency Range [MHz] : 3575-3600  
 Passband Insertion Loss [dB] : < 1.5 dB  
 Ripple in Passband [dB] : < 0.5 P.T.P.

CH2 Rejection DC to 3300 MHz [dBc] : 55 (Min.)  
 3475-3500 MHz [dBc] : 85 (Min.)  
 3600-9500 MHz [dBc] : 55 (Min.)  
 9500-13000 MHz [dBc] : 50 (Min.)

Isolation between Filters [dBc] : 85 (Min.)  
 Passband Return Loss [dB] : -20 (Max.), 1.22:1  
 Input/Output Impedance : 50 ohm  
 RF Power Capability CW : 10 Watts

OPERATING TEMPERATURE RANGE -20°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.

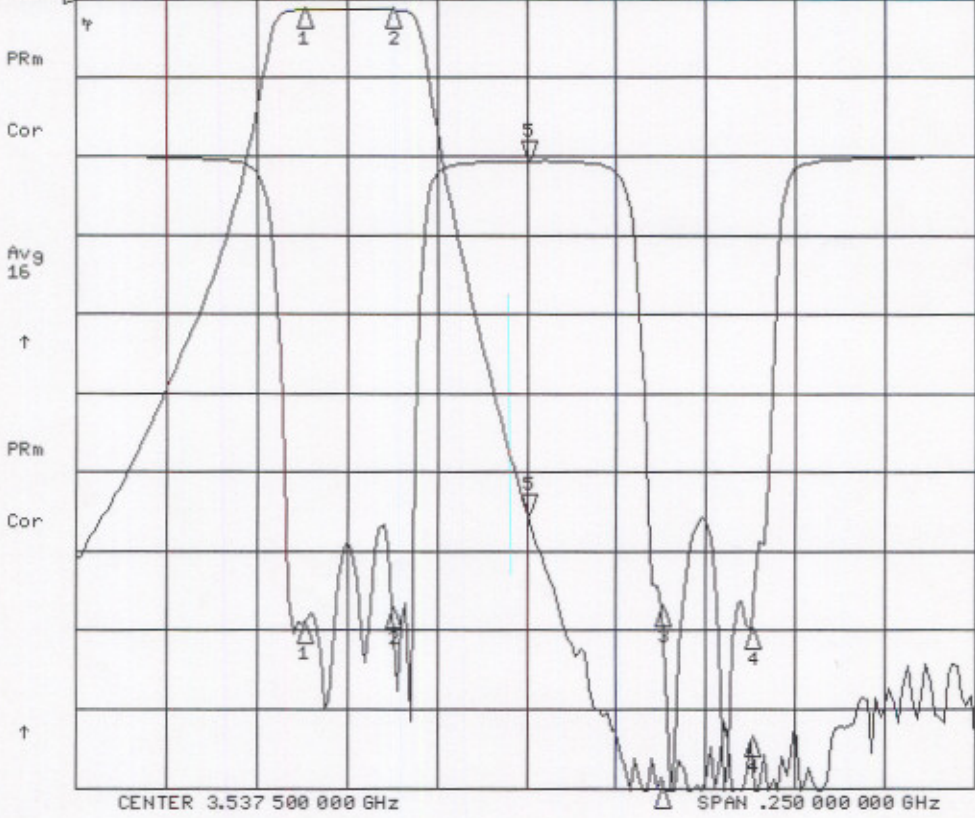
#### NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	03/05	CD3537.5/25SK-C1		REV.	
TREATMENT	CHECKED	ENG.	DESIGN ACTIVITY	SIZE	CAGE CODE	DWG NO:	
FINISH 63/				A	3K1H4	CD3537.5/25SK-C1-1	0
MATERIAL AL6061-T6				SCALE			SHEET 1 OF 1

CD3537.5/25SKC1

17 Mar 2005 22:45:34  
 CH1 S21 LOG 10 dB/REF 0 dB 5:-65.414 dB 3.537 500 000 GHz  
 CH2 S11 LOG 5 dB/REF -20 dB 5:-.32000 dB



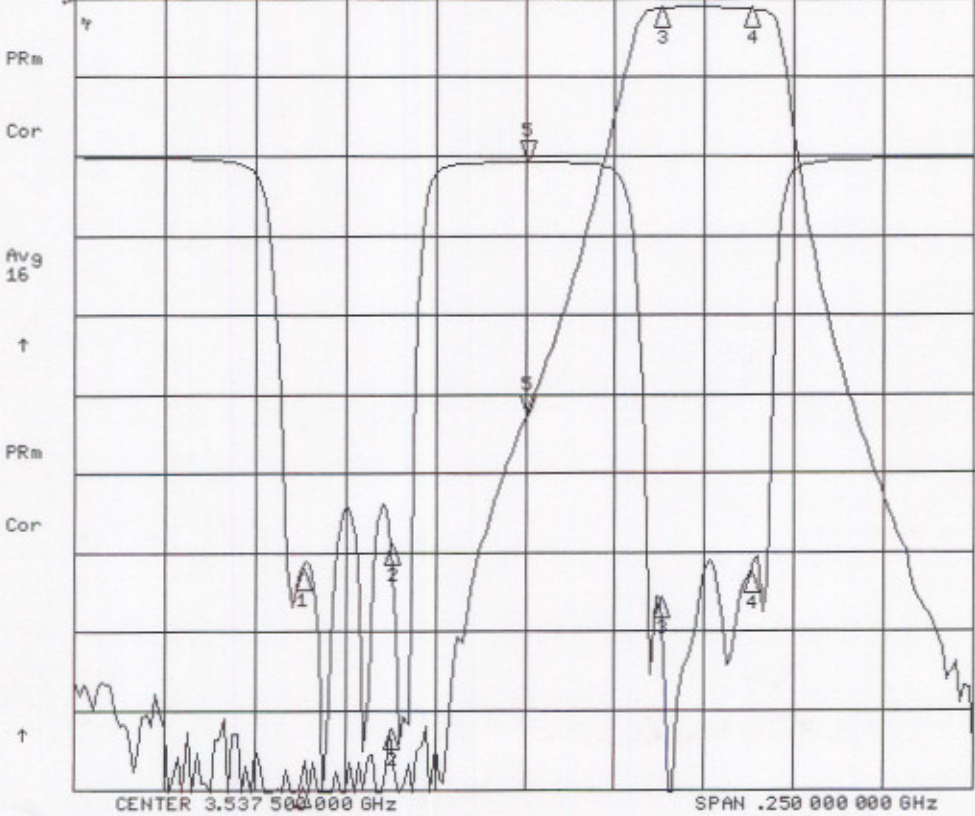
CH1 Markers

- 1:-1.2300 dB  
3.47500 GHz
- 2:-1.2970 dB  
3.50000 GHz
- 3:-100.14 dB  
3.57500 GHz
- 4:-93.626 dB  
3.60000 GHz

CH2 Markers

- 1:-29.507 dB  
3.47500 GHz
- 2:-28.669 dB  
3.50000 GHz
- 3:-28.516 dB  
3.57500 GHz
- 4:-29.895 dB  
3.60000 GHz

17 Mar 2005 22:46:16  
 CH1 S21 LOG 10 dB/REF 0 dB 5:-52.669 dB 3.537 500 000 GHz  
 CH2 S11 LOG 5 dB/REF -20 dB 5:-.37000 dB



CH1 Markers

- 1:-99.968 dB  
3.47500 GHz
- 2:-92.479 dB  
3.50000 GHz
- 3:-1.2810 dB  
3.57500 GHz
- 4:-1.3000 dB  
3.60000 GHz

CH2 Markers

- 1:-26.171 dB  
3.47500 GHz
- 2:-24.496 dB  
3.50000 GHz
- 3:-27.906 dB  
3.57500 GHz
- 4:-26.352 dB  
3.60000 GHz