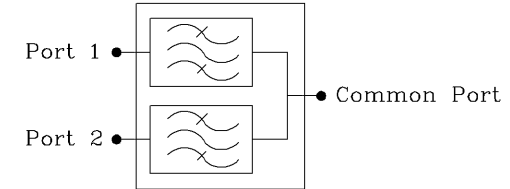
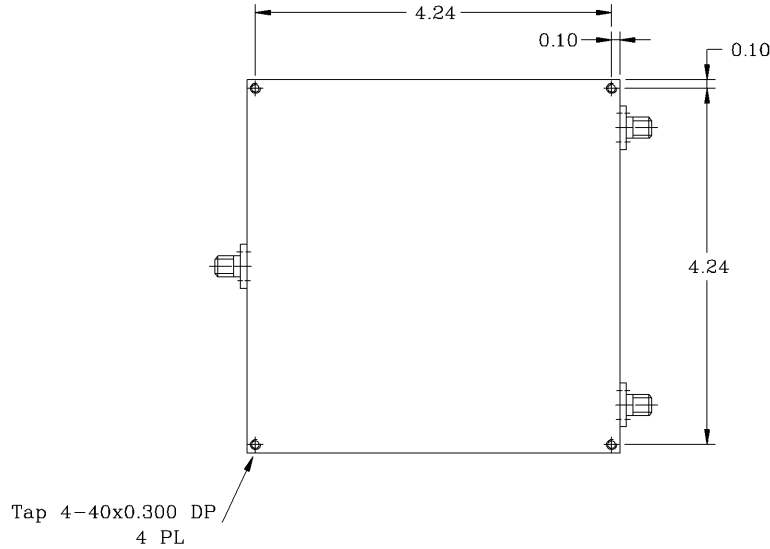
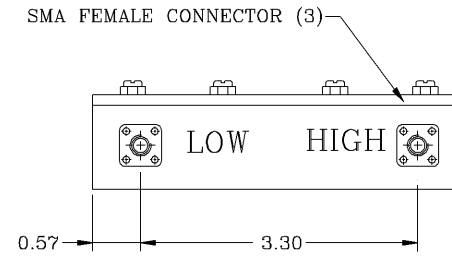
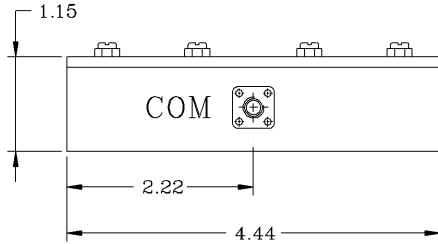


REVISIONS			
REV		DATE	APPROVED
A	Specs updated to reflect actual performance	05/07	G. David



### Electrical Specifications

- \*1dB Low Pass Band Range [MHz] : 1850 to 1910
- \*1dB High Pass Band Range [MHz] : 1930 to 1990
- \*Pass Band Insertion Loss @ Fo [dB] : <0.7, 0.6 (Typ.)
- \*Pass Band Ripple [dB] : < 0.5 P-T-P
- \*Low Attenuation @ 1930 to 1990 MHz [dB] : 60 (Min.), 65 (Typ.)
- \*High Attenuation @ 1850 to 1910 MHz [dB] : 60 (Min.), 65 (Typ.)
- \*Isolation between filters [dB] : 60 (Min.)
- \*Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 40 Watts
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -30°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:

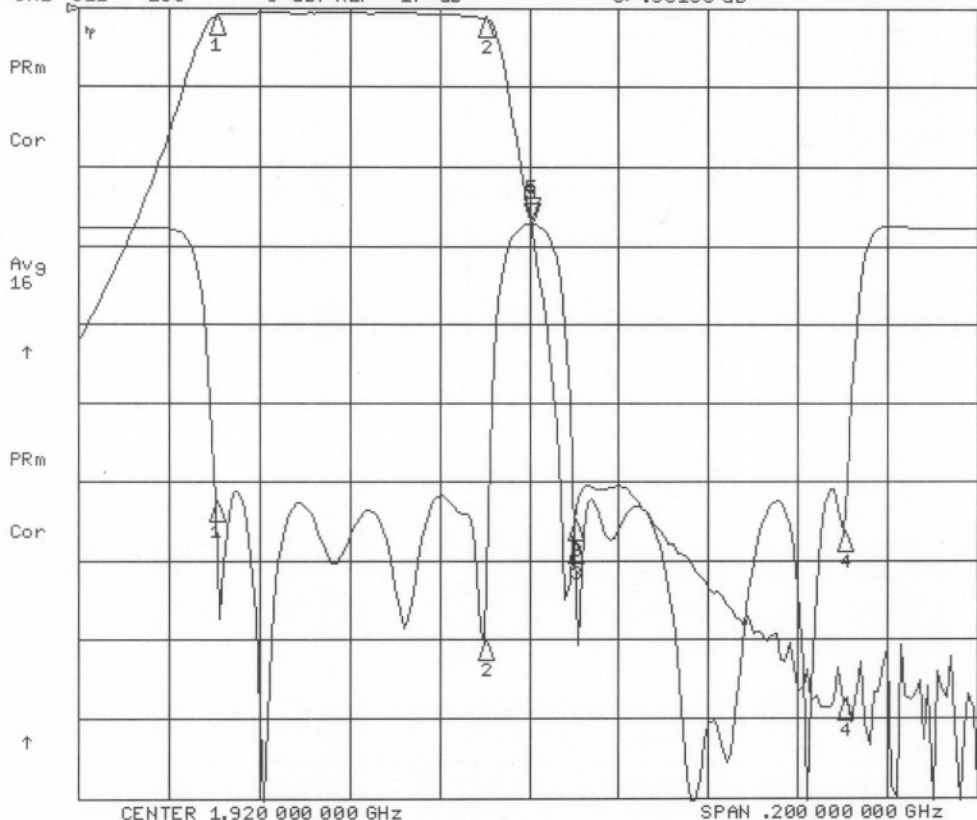
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>					
ANGLES	DECIMALS	APPROVALS	DATE					TITLE Diplexer PCS Full Band	
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	06/04	CD1920/60SK-B1		SIZE	CAGE CODE	DWG NO:	REV.
TREATMENT		CHECKED		A	3KIH4	CD1920/60SK-B1-1		A	
FINISH	63/	ENG.		SCALE None		SHEET 1 OF 1			
MATERIAL	AL6061-T6	DESIGN ACTIVITY							

*CD1920/60SK-B1*

14 May 2007 09:01:28

CH1 S21 LOG 10 dB/REF 0 dB 5: -26.525 dB 1.92000000 GHz  
 CH2 S11 LOG 5 dB/REF -17 dB 5: -60.100 dB



CH1 Markers

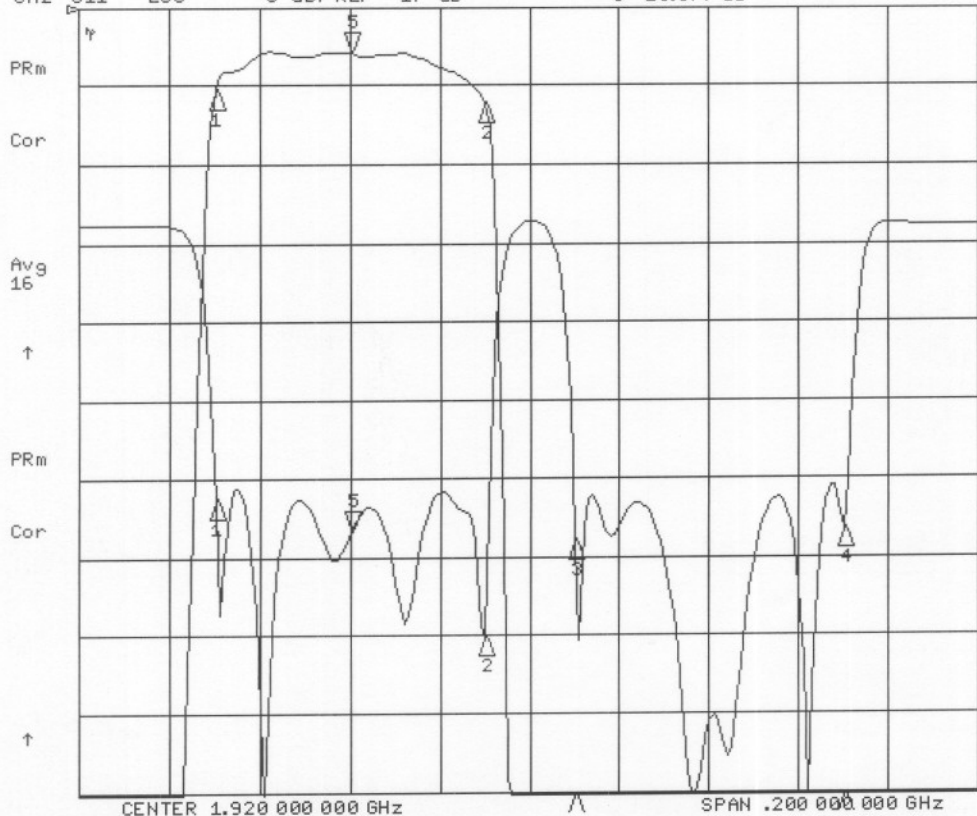
- 1: -1.0550 dB  
1.85000 GHz
- 2: -1.2380 dB  
1.91000 GHz
- 3: -64.956 dB  
1.93000 GHz
- 4: -87.746 dB  
1.99000 GHz

CH2 Markers

- 1: -18.289 dB  
1.85000 GHz
- 2: -27.090 dB  
1.91000 GHz
- 3: -20.972 dB  
1.93000 GHz
- 4: -20.190 dB  
1.99000 GHz

14 May 2007 09:01:53

CH1 S21 LOG 1 dB/REF 0 dB 5: -50.200 dB 1.88000000 GHz  
 CH2 S11 LOG 5 dB/REF -17 dB 5: -20.377 dB



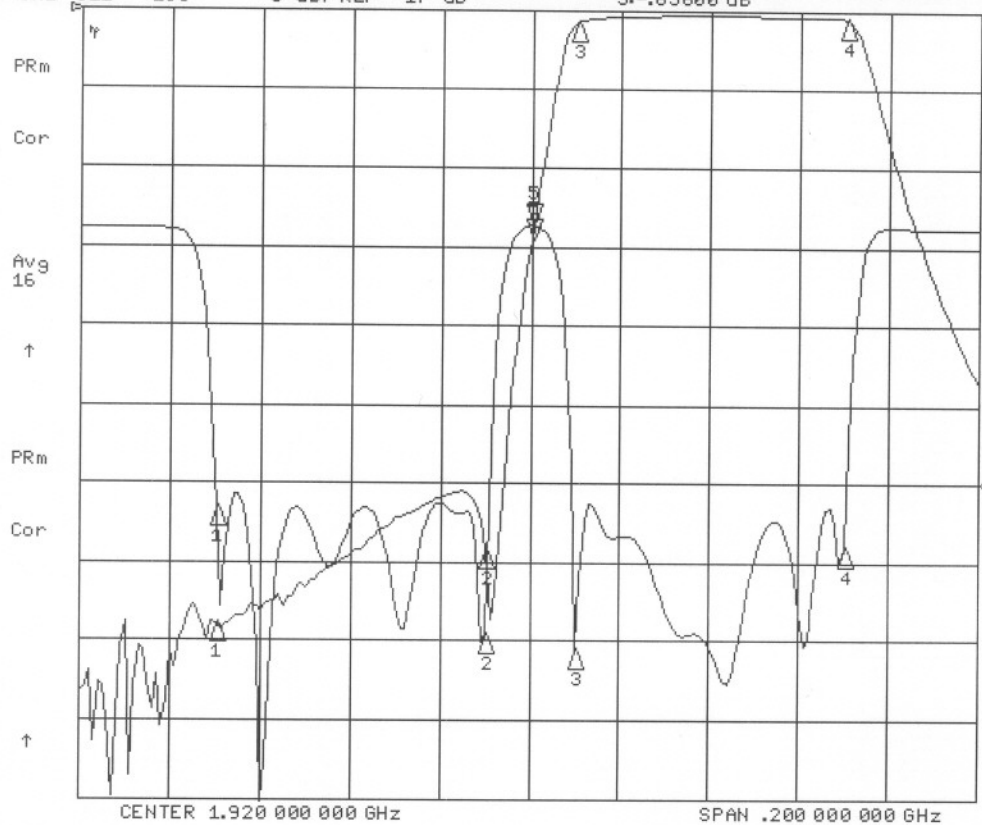
CH1 Markers

- 1: -1.0560 dB  
1.85000 GHz
- 2: -1.2400 dB  
1.91000 GHz
- 3: -65.132 dB  
1.93000 GHz
- 4: -86.610 dB  
1.99000 GHz

CH2 Markers

- 1: -18.294 dB  
1.85000 GHz
- 2: -27.096 dB  
1.91000 GHz
- 3: -20.982 dB  
1.93000 GHz
- 4: -20.203 dB  
1.99000 GHz

14 May 2007 09:12:01  
 CH1 S21 LOG 10 dB/REF 0 dB 5:-29.110 dB 1.920 000 000 GHz  
 CH2 S11 LOG 5 dB/REF -17 dB 5:-.65600 dB



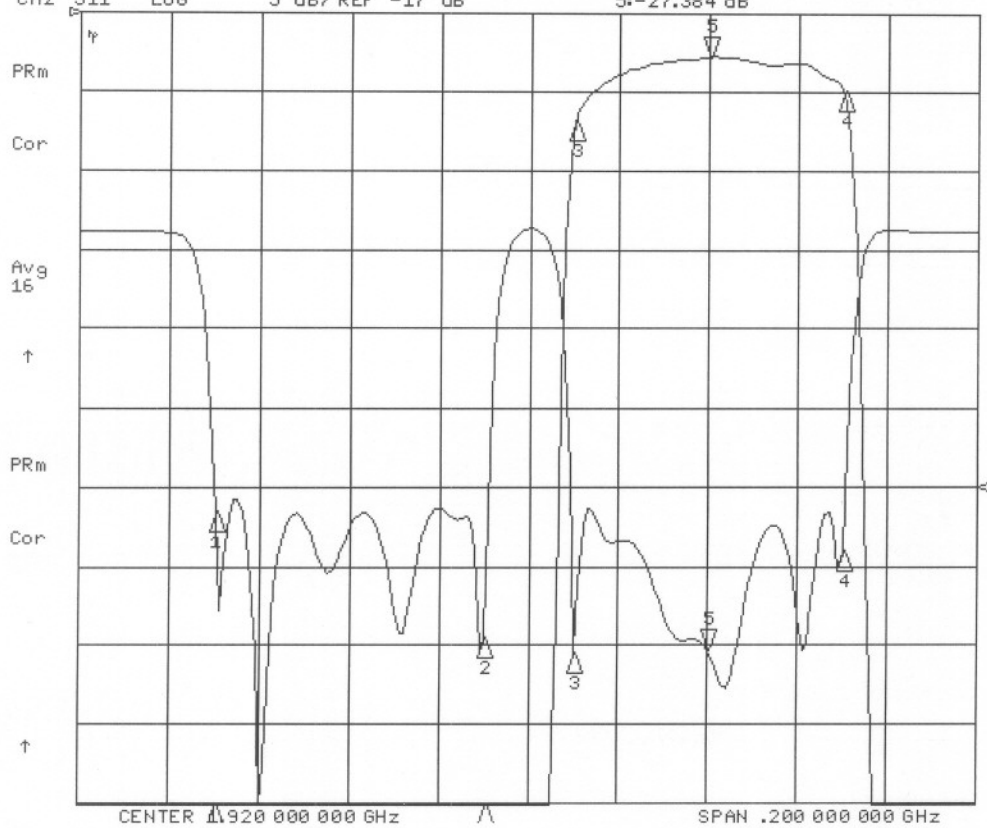
CH1 Markers

- 1:-77.819 dB  
1.85000 GHz
- 2:-68.276 dB  
1.91000 GHz
- 3:-1.3860 dB  
1.93000 GHz
- 4:-.99900 dB  
1.99000 GHz

CH2 Markers

- 1:-18.569 dB  
1.85000 GHz
- 2:-26.647 dB  
1.91000 GHz
- 3:-27.558 dB  
1.93000 GHz
- 4:-21.019 dB  
1.99000 GHz

14 May 2007 09:12:24  
 CH1 S21 LOG 1 dB/REF 0 dB 5:-.55400 dB 1.960 000 000 GHz  
 CH2 S11 LOG 5 dB/REF -17 dB 5:-27.384 dB



CH1 Markers

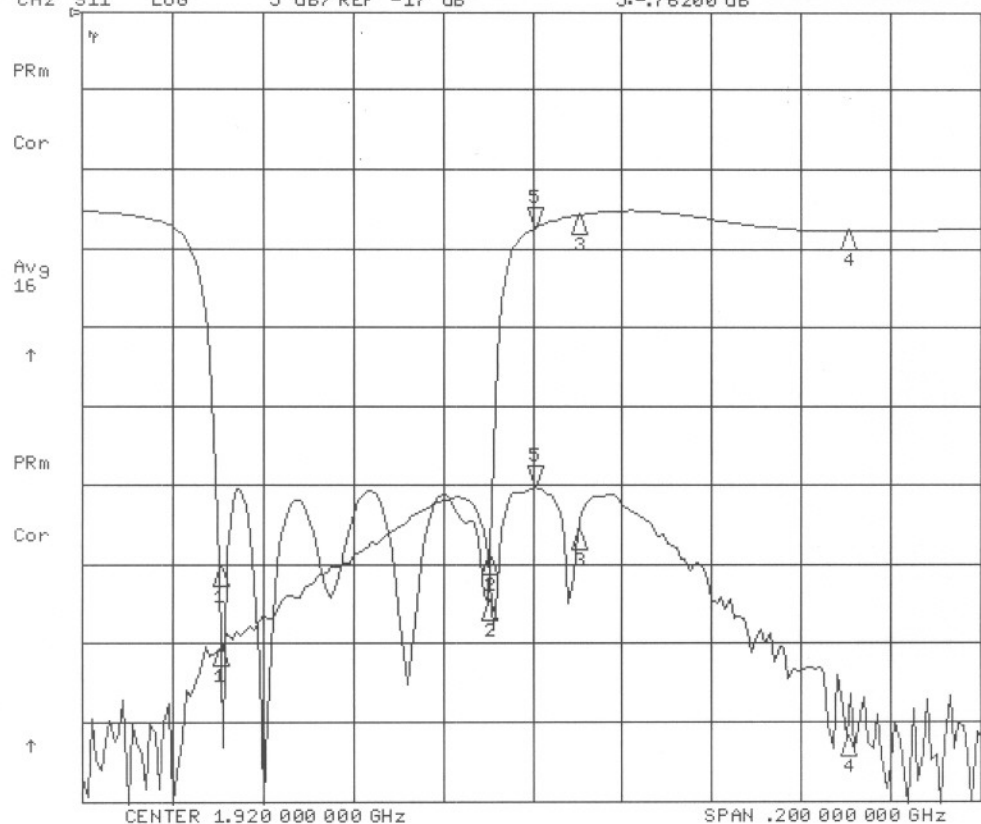
- 1:-77.447 dB  
1.85000 GHz
- 2:-68.411 dB  
1.91000 GHz
- 3:-1.3850 dB  
1.93000 GHz
- 4:-.99700 dB  
1.99000 GHz

CH2 Markers

- 1:-18.554 dB  
1.85000 GHz
- 2:-26.578 dB  
1.91000 GHz
- 3:-27.587 dB  
1.93000 GHz
- 4:-21.036 dB  
1.99000 GHz

14 May 2007 09:13:05

CH1 S21 LOG 10 dB/REF 0 dB 5:-60.254 dB 1.920 000 000 GHz  
CH2 S11 LOG 5 dB/REF -17 dB 5:-.76200 dB



CH1 Markers

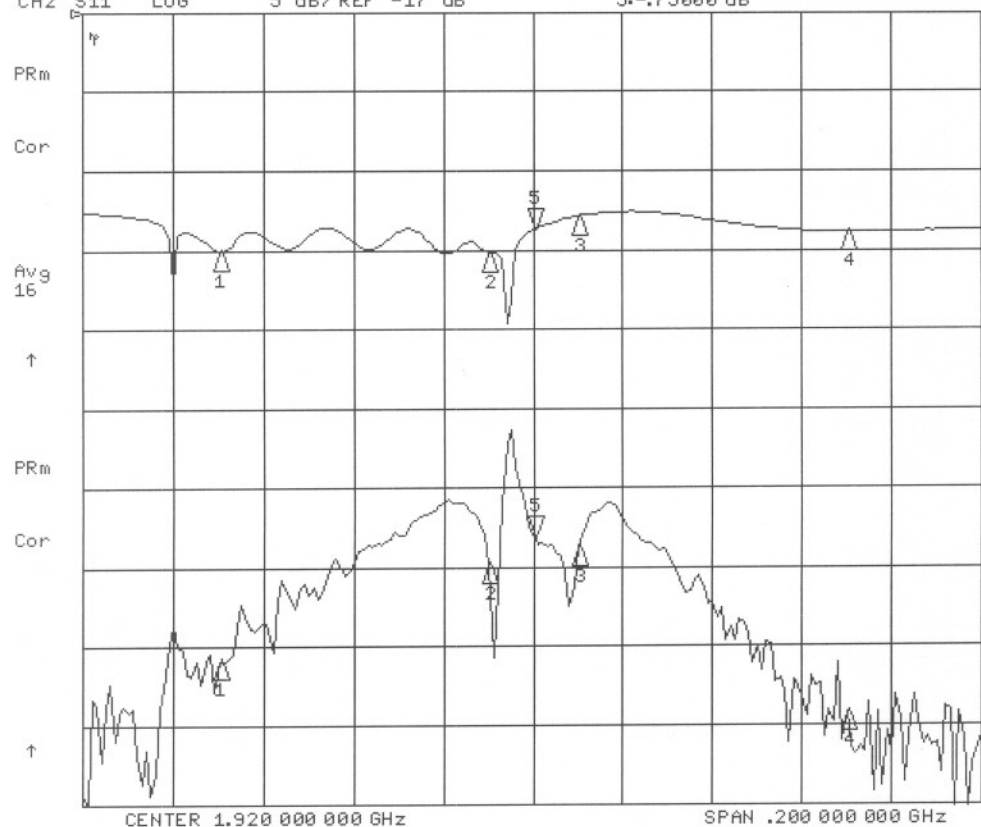
- 1:-80.456 dB  
1.85000 GHz
- 2:-68.801 dB  
1.91000 GHz
- 3:-65.819 dB  
1.93000 GHz
- 4:-91.919 dB  
1.99000 GHz

CH2 Markers

- 1:-22.099 dB  
1.85000 GHz
- 2:-24.349 dB  
1.91000 GHz
- 3:-.11500 dB  
1.93000 GHz
- 4:-.87300 dB  
1.99000 GHz

14 May 2007 09:13:15

CH1 S21 LOG 10 dB/REF 0 dB 5:-66.223 dB 1.920 000 000 GHz  
CH2 S11 LOG 5 dB/REF -17 dB 5:-.75000 dB



CH1 Markers

- 1:-81.723 dB  
1.85000 GHz
- 2:-69.609 dB  
1.91000 GHz
- 3:-67.401 dB  
1.93000 GHz
- 4:-88.355 dB  
1.99000 GHz

CH2 Markers

- 1:-2.0670 dB  
1.85000 GHz
- 2:-2.1940 dB  
1.91000 GHz
- 3:-.12100 dB  
1.93000 GHz
- 4:-.87600 dB  
1.99000 GHz