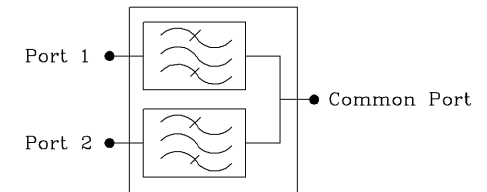
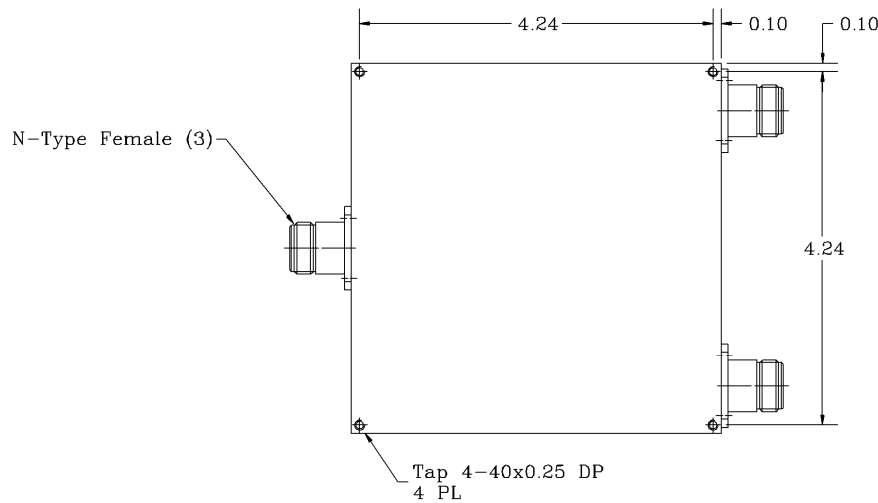
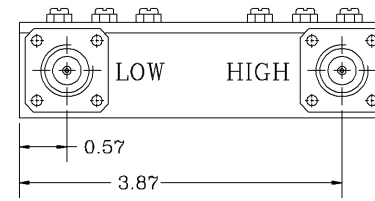
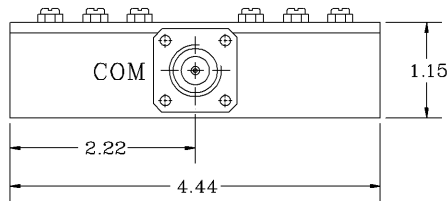


REVISIONS			
REV		DATE	APPROVED
A	Specs modified to reflect PIM performance.	05/10	G. David



Electrical Specifications

- *Low Pass Band Range [MHz] : 1850 to 1910
- *High Pass Band Range [MHz] : 1930 to 1990
- *Pass Band Insertion Loss [dB] : <1.3, 1.2 (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 : 80 Watts
- *IM Products @ 2 x +33 dBm, IM3 [dBc] : -143 (Min.)
- @ 2 x +43 dBm, IM3 [dBc] : -133 (Typ.)
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°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:

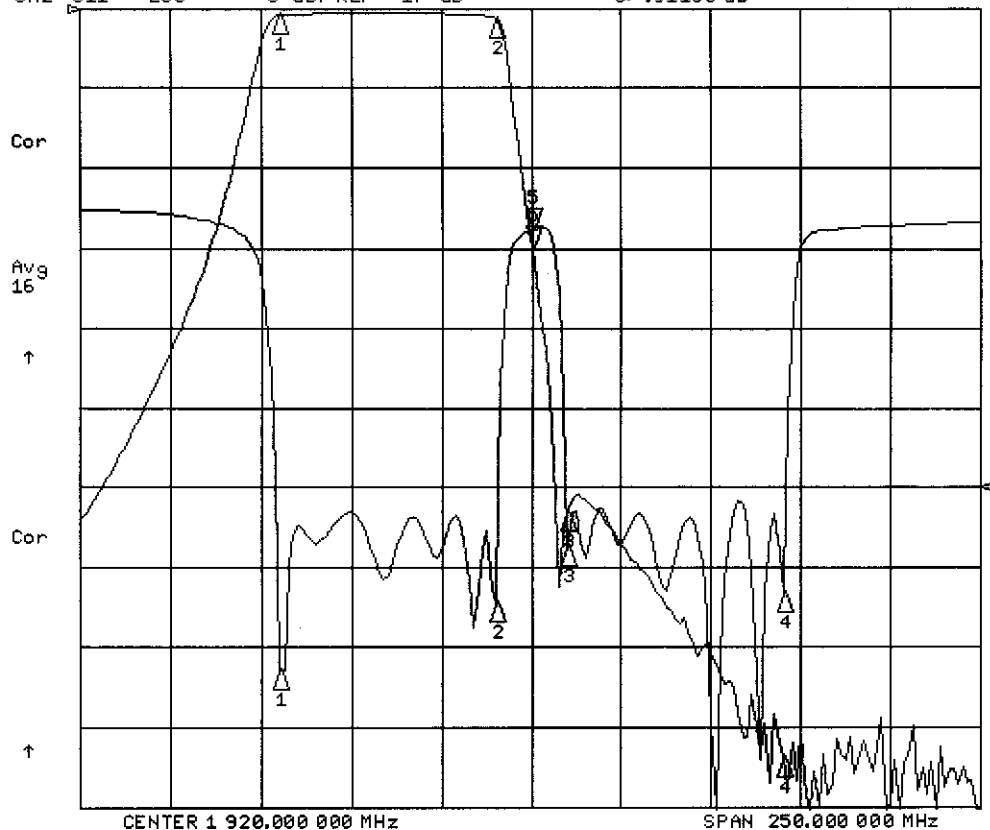
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS ± 1" X ± .05 XX ± .01 .XXX ± .003		CONTRACT NO:		G-Way Microwave	
TREATMENT		APPROVALS			
FINISH 63/		DRAWN Segal		DATE 09/10	
MATERIAL		CHECKED		SIZE CAGE CODE DWG NO: REV.	
		ENG. DESIGN ACTIVITY		A 3K1H4 CD1920/60MK-B3-1 A	
				SCALE None SHEET 1 OF 1	

CD/920/60MK-B3

23 Mar 2011 12:21:10

CH1 S21 LOG 10 dB/REF 0 dB 5:-29.825 dB 1 920.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-.91150 dB



CH1 Markers

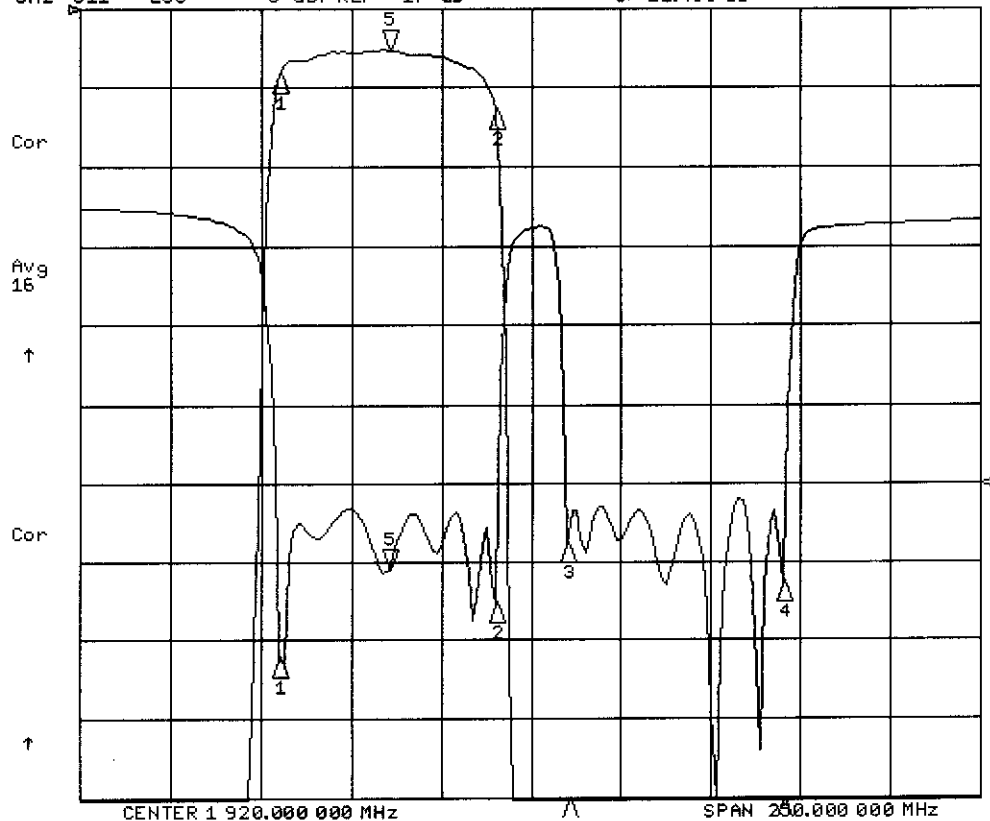
- 1:-82010 dB
1.85000 GHz
- 2:-1.2844 dB
1.91000 GHz
- 3:-63.100 dB
1.93000 GHz
- 4:-93.862 dB
1.99000 GHz

CH2 Markers

- 1:-28.422 dB
1.85000 GHz
- 2:-24.188 dB
1.91000 GHz
- 3:-20.660 dB
1.93000 GHz
- 4:-23.541 dB
1.99000 GHz

23 Mar 2011 12:21:32

CH1 S21 LOG 1 dB/REF 0 dB 5:-.52750 dB 1 920.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-22.495 dB



CH1 Markers

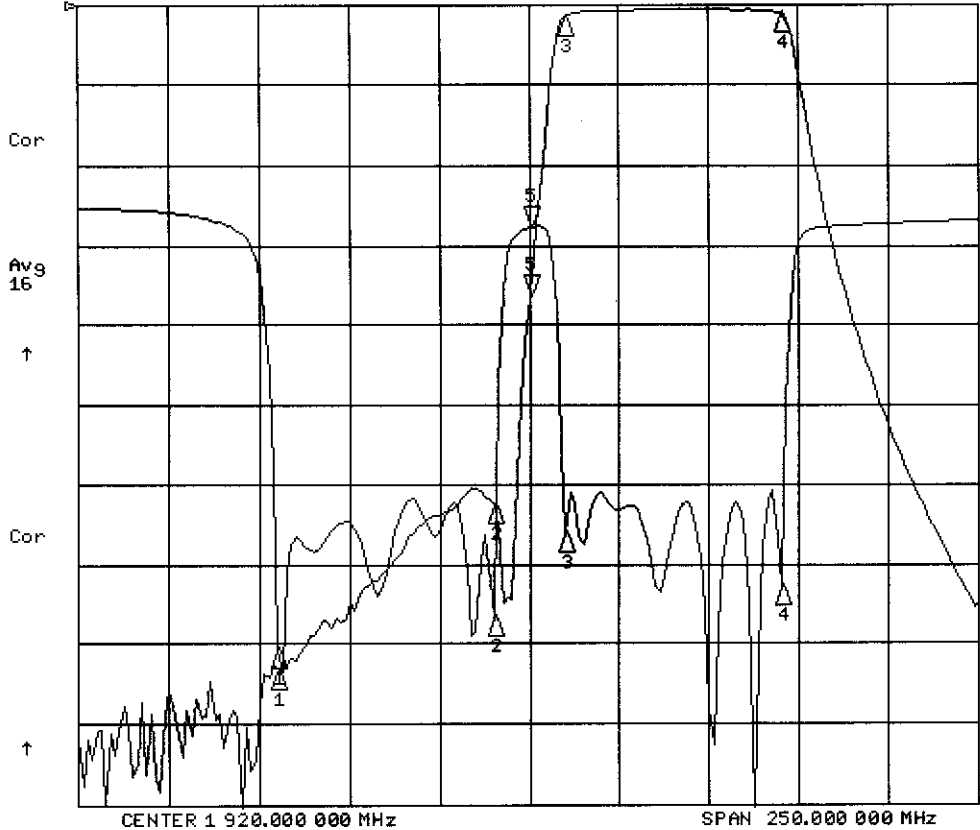
- 1:-.82050 dB
1.85000 GHz
- 2:-1.2839 dB
1.91000 GHz
- 3:-62.831 dB
1.93000 GHz
- 4:-88.963 dB
1.99000 GHz

CH2 Markers

- 1:-28.139 dB
1.85000 GHz
- 2:-24.673 dB
1.91000 GHz
- 3:-20.795 dB
1.93000 GHz
- 4:-23.374 dB
1.99000 GHz

23 Mar 2011 12:23:58

CH1 S21 LOG 10 dB/REF 0 dB 5:-36.258 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-.90160 dB



CH1 Markers

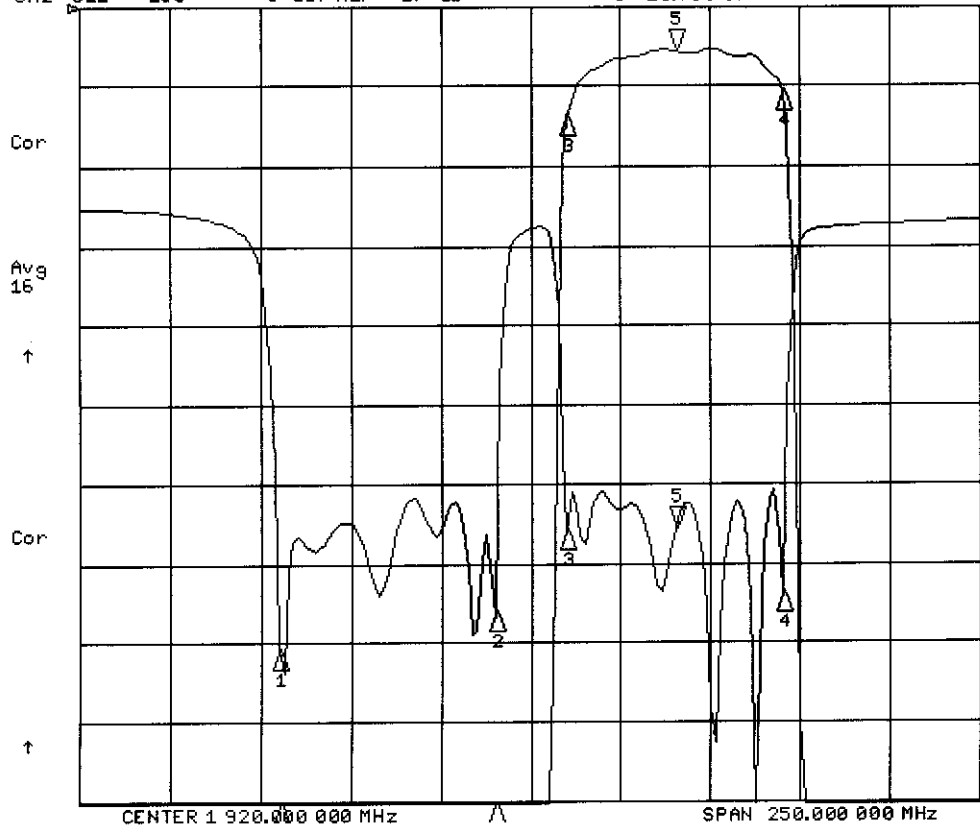
- 1:-83.163 dB
1.85000 GHz
- 2:-62.285 dB
1.91000 GHz
- 3:-1.3725 dB
1.93000 GHz
- 4:-1.0526 dB
1.99000 GHz

CH2 Markers

- 1:-27.302 dB
1.85000 GHz
- 2:-25.308 dB
1.91000 GHz
- 3:-19.977 dB
1.93000 GHz
- 4:-23.377 dB
1.99000 GHz

23 Mar 2011 12:24:10

CH1 S21 LOG 1 dB/REF 0 dB 5:-.56410 dB 1 960.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-19.766 dB



CH1 Markers

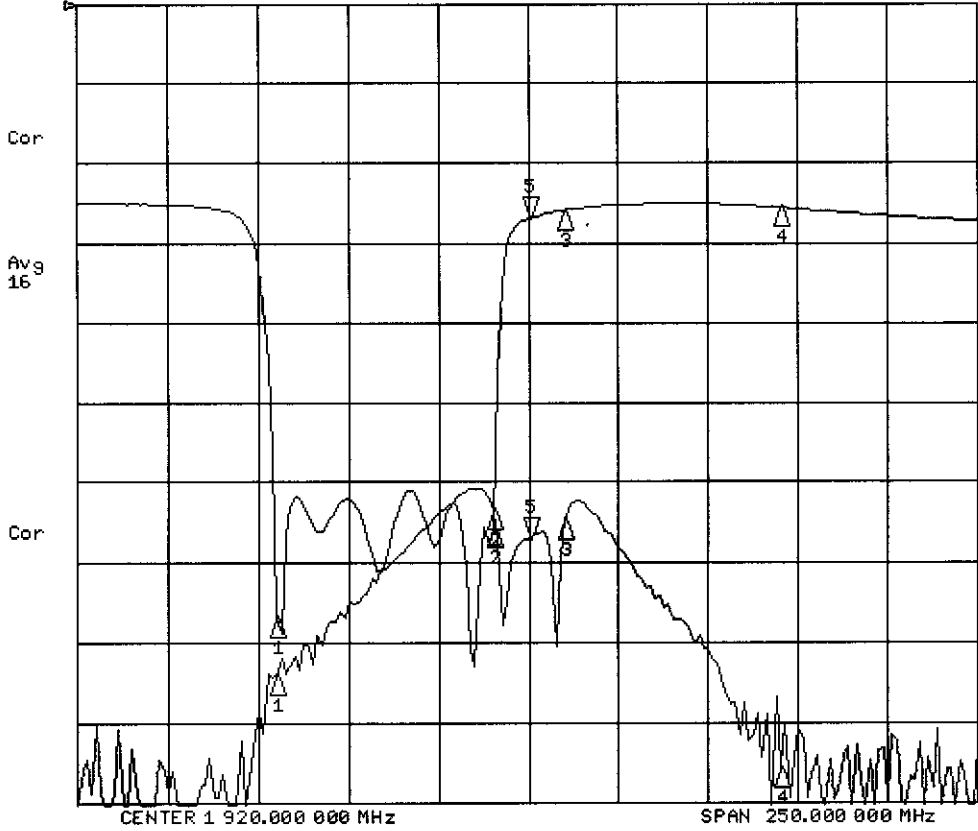
- 1:-82.270 dB
1.85000 GHz
- 2:-62.122 dB
1.91000 GHz
- 3:-1.3721 dB
1.93000 GHz
- 4:-1.0549 dB
1.99000 GHz

CH2 Markers

- 1:-27.415 dB
1.85000 GHz
- 2:-25.089 dB
1.91000 GHz
- 3:-19.836 dB
1.93000 GHz
- 4:-23.803 dB
1.99000 GHz

23 Mar 2011 12:24:47

CH1 S21 LOG 10 dB/REF 0 dB 5:-67.212 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-.49230 dB



CH1 Markers

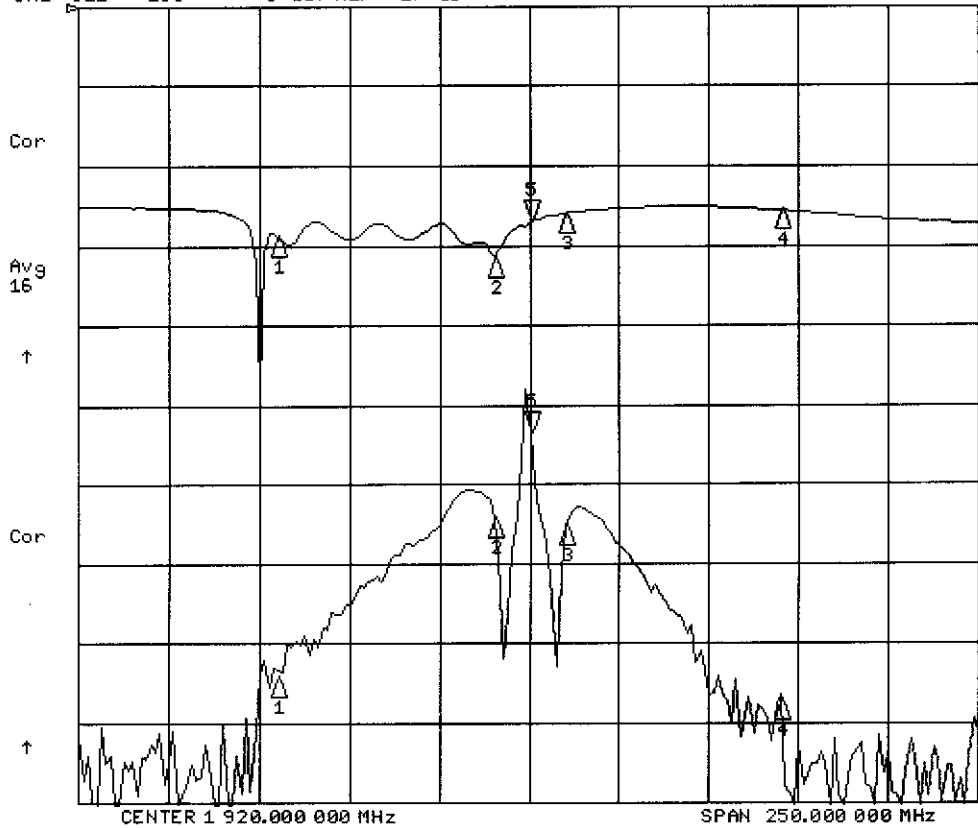
- 1:-84.065 dB
1.85000 GHz
- 2:-63.606 dB
1.91000 GHz
- 3:-64.744 dB
1.93000 GHz
- 4:-95.824 dB
1.99000 GHz

CH2 Markers

- 1:-25.429 dB
1.85000 GHz
- 2:-19.883 dB
1.91000 GHz
- 3:-0.2840 dB
1.93000 GHz
- 4:-.21040 dB
1.99000 GHz

23 Mar 2011 12:24:58

CH1 S21 LOG 10 dB/REF 0 dB 5:-53.351 dB 1 920.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-.51620 dB



CH1 Markers

- 1:-84.328 dB
1.85000 GHz
- 2:-64.223 dB
1.91000 GHz
- 3:-65.208 dB
1.93000 GHz
- 4:-87.046 dB
1.99000 GHz

CH2 Markers

- 1:-1.4269 dB
1.85000 GHz
- 2:-2.7720 dB
1.91000 GHz
- 3:-0.2550 dB
1.93000 GHz
- 4:-.20460 dB
1.99000 GHz