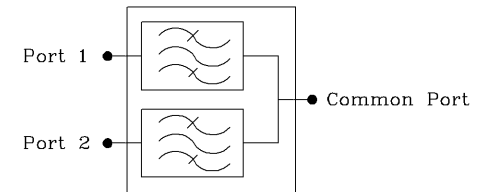
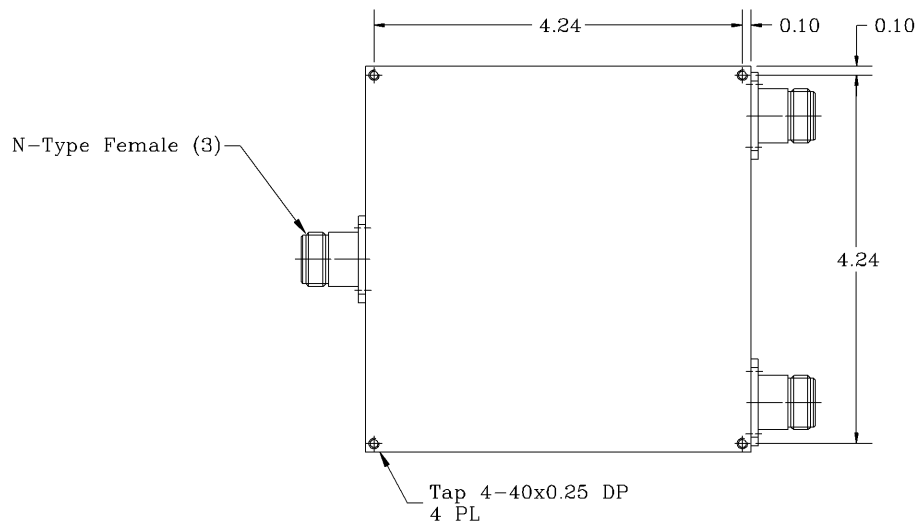


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low 1dB Pass Band Range [MHz] : 1710 to 1785
- *High 1dB Pass Band Range [MHz] : 1805 to 1880
- *Pass Band Insertion Loss @ Fo [dB] : <0.7, 0.6 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Attenuation @ 1805 to 1880 MHz [dB] : 50 (Min.), 55 (Typ.)
- *High Attenuation @ 1710 to 1785 MHz [dB] : 50 (Min.), 55 (Typ.)
- *Isolation between filters [dB] : 50 (Min.), 55 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *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 +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.

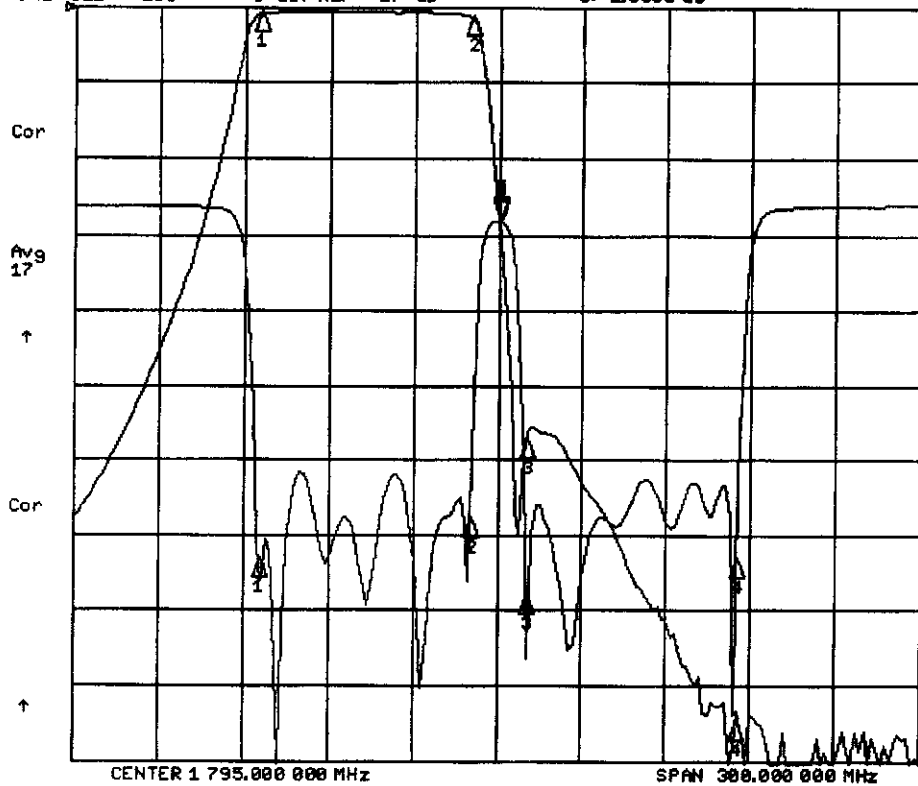
NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS ± 1° .X ± .05 XX ± .01 .XXX ± .003		CONTRACT NO:		G-Way Microwave	
TREATMENT		APPROVALS	DATE		
FINISH 63/		ENG.	DESIGN ACTIVITY	SIZE A	CAGE CODE 3K1H4
MATERIAL		CHECKED		DWG NO: CD1795/75MK-B3	REV. 0
				SCALE None	SHEET 1 OF 1

CD1795/75 MK-B3

23 Apr 2008 08:55:33
 CH1 S21 LOG 10 dB/REF 0 dB 5:-27.611 dB 1 795.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-1.0368 dB



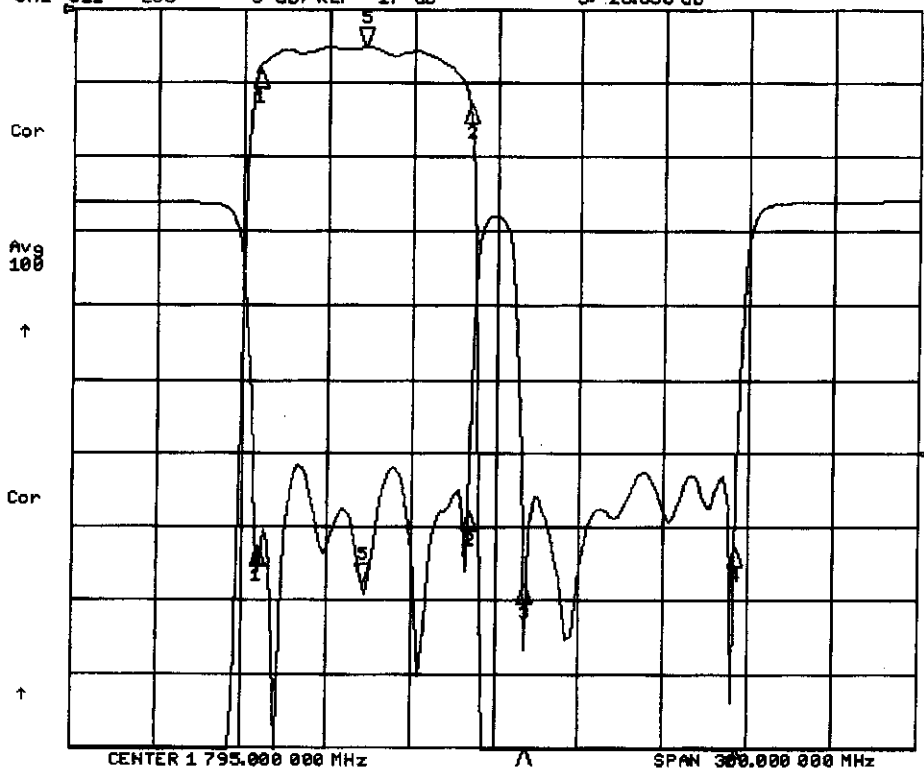
CH1 Markers

- 1:-80.990 dB
1.71000 GHz
- 2:-1.2941 dB
1.79500 GHz
- 3:-57.188 dB
1.80500 GHz
- 4:-94.902 dB
1.88000 GHz

CH2 Markers

- 1:-23.521 dB
1.71000 GHz
- 2:-20.990 dB
1.78500 GHz
- 3:-25.942 dB
1.80500 GHz
- 4:-23.541 dB
1.88000 GHz

23 Apr 2008 08:55:59
 CH1 S21 LOG 1 dB/REF 0 dB 5:-50.810 dB 1 747.500 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-25.858 dB



CH1 Markers

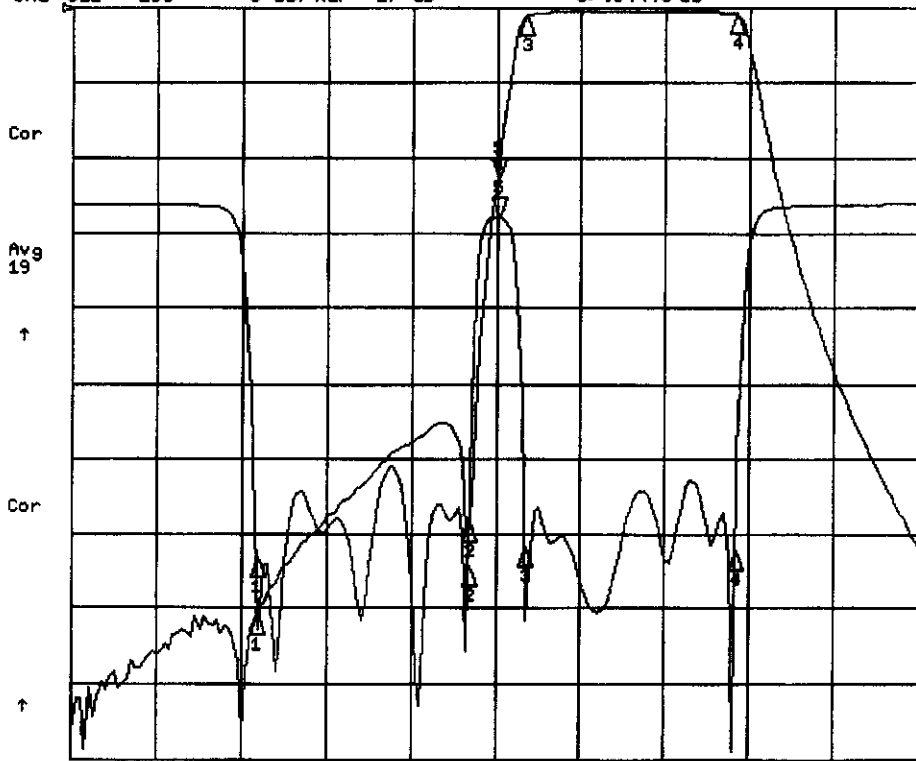
- 1:-81.100 dB
1.71000 GHz
- 2:-1.2960 dB
1.78500 GHz
- 3:-57.219 dB
1.80500 GHz
- 4:-95.683 dB
1.88000 GHz

CH2 Markers

- 1:-23.459 dB
1.71000 GHz
- 2:-21.024 dB
1.78500 GHz
- 3:-26.001 dB
1.80500 GHz
- 4:-23.500 dB
1.88000 GHz

23 Apr 2008 08:56:38

CH1 S21 LOG 10 dB/REF 0 dB 5i-22.757 dB 1 795.000 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5i-.94440 dB



CH1 Markers

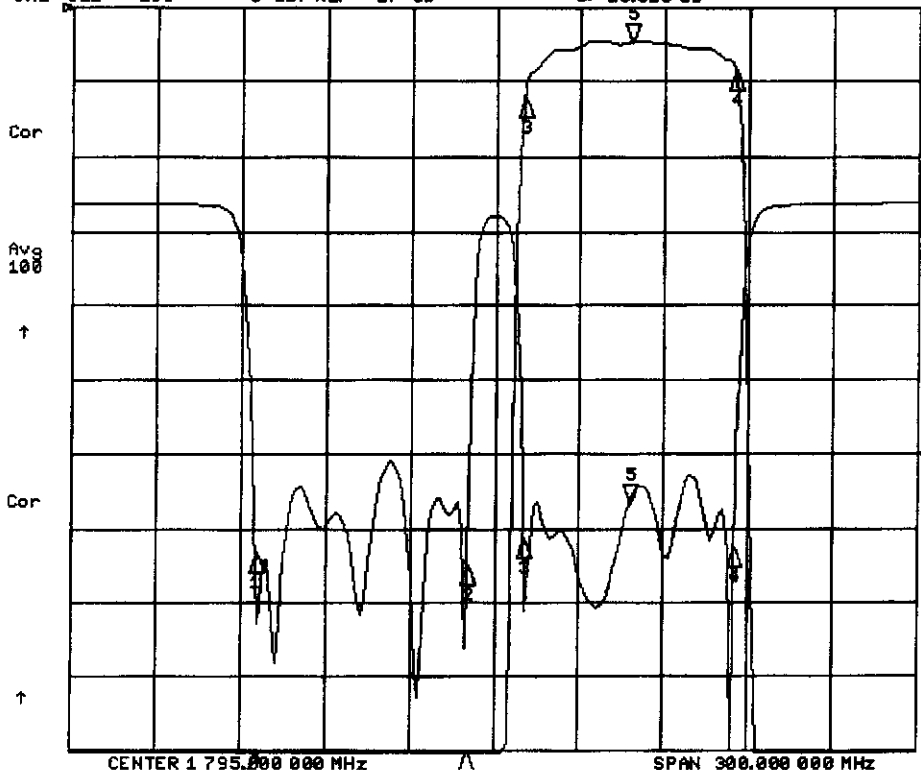
- 1i-80.996 dB
1.71000 GHz
- 2i-68.436 dB
1.78500 GHz
- 3i-1.2201 dB
1.80500 GHz
- 4i-.87870 dB
1.88000 GHz

CH2 Markers

- 1i-23.715 dB
1.71000 GHz
- 2i-24.338 dB
1.78500 GHz
- 3i-22.906 dB
1.80500 GHz
- 4i-23.270 dB
1.88000 GHz

23 Apr 2008 08:56:36

CH1 S21 LOG 1 dB/REF 0 dB 5i-.47420 dB 1 842.500 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5i-20.328 dB



CH1 Markers

- 1i-80.317 dB
1.71000 GHz
- 2i-68.430 dB
1.78500 GHz
- 3i-1.2224 dB
1.80500 GHz
- 4i-.88090 dB
1.88000 GHz

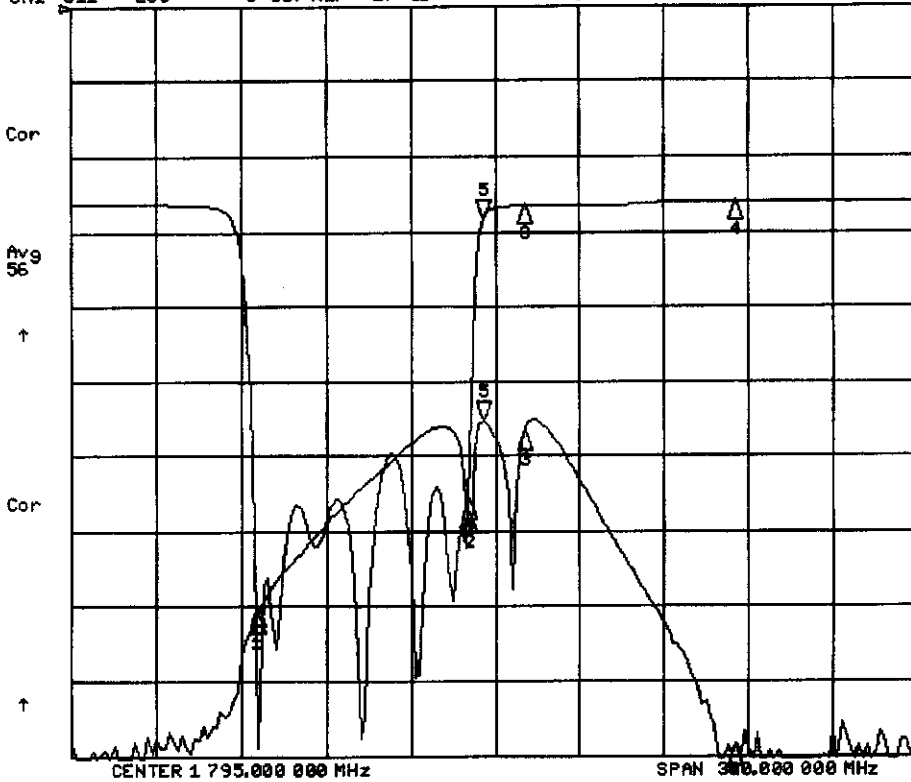
CH2 Markers

- 1i-23.695 dB
1.71000 GHz
- 2i-24.516 dB
1.78500 GHz
- 3i-22.712 dB
1.80500 GHz
- 4i-23.385 dB
1.88000 GHz

23 Apr 2008 08:57:58

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

S1:-55.458 dB 1 790.350 000 MHz
S2:-1.2382 dB



CH1 Markers

- 1:-81.134 dB
1.71000 GHz
- 2:-67.639 dB
1.78500 GHz
- 3:-56.842 dB
1.80500 GHz
- 4:-99.001 dB
1.88000 GHz

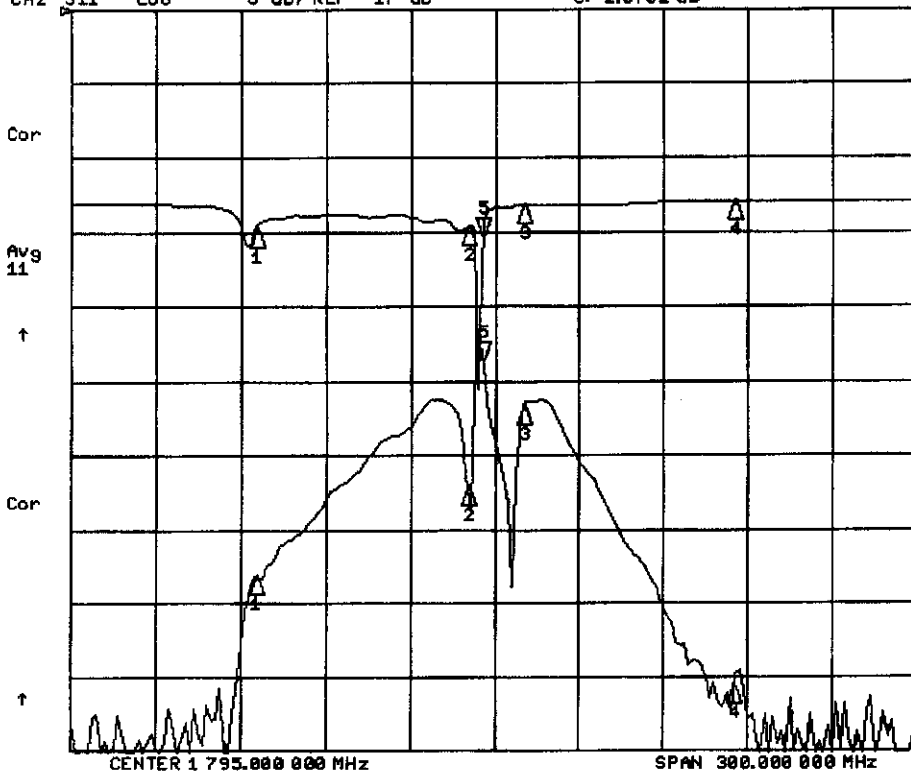
CH2 Markers

- 1:-27.077 dB
1.71000 GHz
- 2:-19.978 dB
1.78500 GHz
- 3:-27.810 dB
1.80500 GHz
- 4:.01820 dB
1.88000 GHz

23 Apr 2008 08:58:04

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

S1:-47.477 dB 1 790.350 000 MHz
S2:-2.3762 dB



CH1 Markers

- 1:-76.325 dB
1.71000 GHz
- 2:-64.231 dB
1.78500 GHz
- 3:-53.489 dB
1.80500 GHz
- 4:-91.305 dB
1.88000 GHz

CH2 Markers

- 1:-1.7830 dB
1.71000 GHz
- 2:-1.7336 dB
1.78500 GHz
- 3:-27.750 dB
1.80500 GHz
- 4:.01840 dB
1.88000 GHz