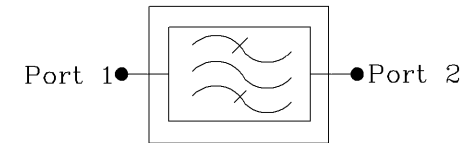
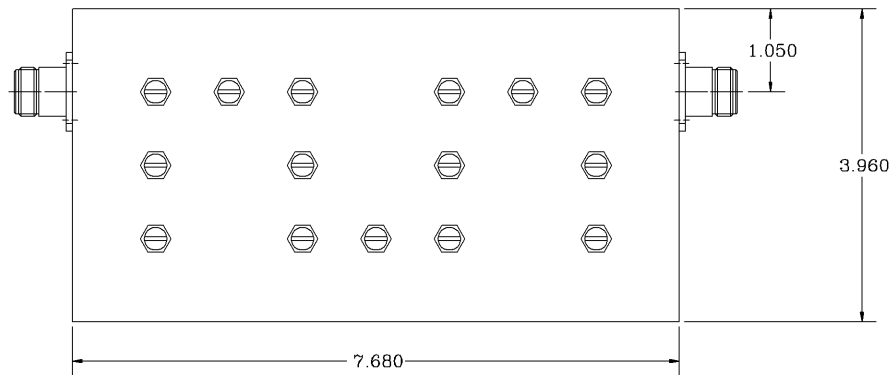
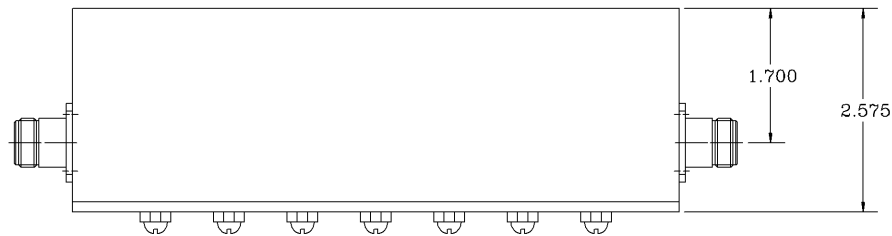
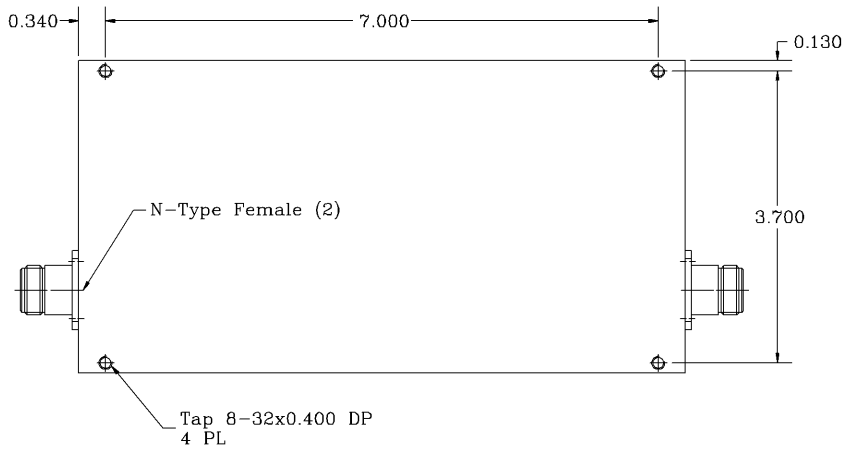


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 806 to 821
- *Pass Band Insertion Loss [dB] : < 0.7, 0.6 (Typ.)
- *Pass Band Ripple [dB] : < 0.4 P-T-P
- *Attenuation @ DC to 600 MHz [dB] : 90 (Min.)
- @ 600 to 780 MHz [dB] : 60 (Min.), 65 (Typ.)
- @ Passband \pm 4 MHz [dB] : 20 (Min.), 25 (Typ.)
- @ 840 to 1200 MHz [dB] : 55 (Min.), 60 (Typ.)
- *Ultimate Stop Band Attenuation [dB] : 90 (Min)
- *Pass Band Return Loss [dB] : -21 (Max.), <1.2:1
- *Input/Output Impedance : 50 ohm
- *Input/Output @ DC Ground Potential
- *RF Power Capability Average : 80 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:

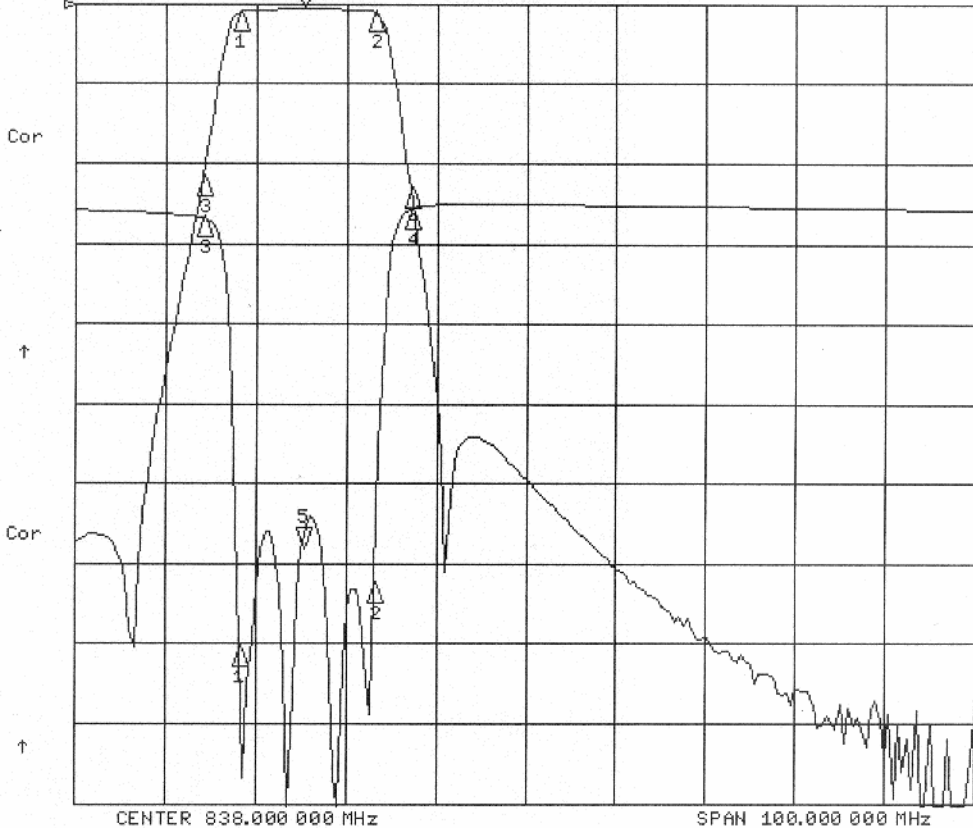
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
$\pm 1^\circ$	X $\pm .05$ XX $\pm .01$ XXX $\pm .003$	DRAWN Segal	02/04	CB813/15MK-S1		REV.	0
TREATMENT	CHECKED	ENG.	DESIGN ACTIVITY	SIZE A	CAGE CODE 3K1H4	DWG NO: CB813/15MK-S1-1	SHEET 1 OF 1
FINISH 63				SCALE None			
MATERIAL							

CB 813/15MK-S1

27 Feb 2004 13:25:40

CH1 S21 LOG 10 dB/REF 0 dB 5: -55.660 dB 813.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5: -21.070 dB



CH1 Markers

- 1: -1.0354 dB
806.000 MHz
- 2: -1.0416 dB
821.000 MHz
- 3: -21.630 dB
802.000 MHz
- 4: -23.126 dB
825.000 MHz

CH2 Markers

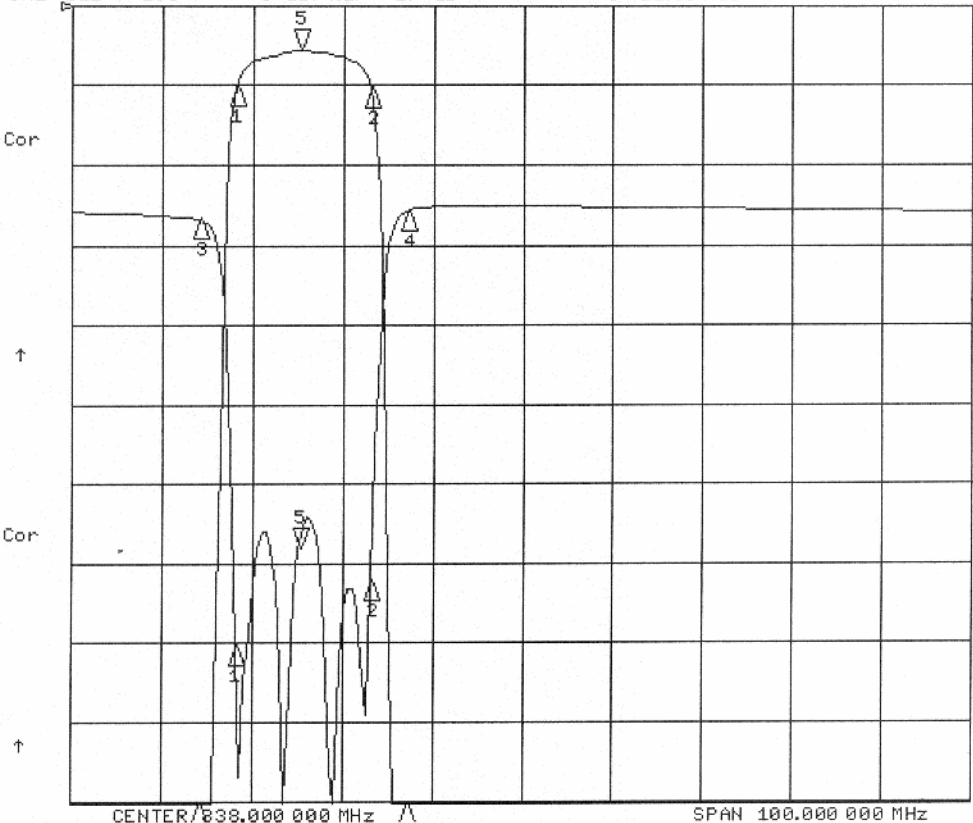
- 1: -27.162 dB
806.000 MHz
- 2: -23.228 dB
821.000 MHz
- 3: -42.240 dB
802.000 MHz
- 4: -1.3890 dB
825.000 MHz

CENTER 838.000 000 MHz

SPAN 100.000 000 MHz

27 Feb 2004 13:25:44

CH1 S21 LOG 1 dB/REF 0 dB 5: -56.130 dB 813.000 000 MHz
 CH2 S11 LOG 5 dB/REF -17 dB 5: -21.094 dB



CH1 Markers

- 1: -1.0177 dB
806.000 MHz
- 2: -1.0281 dB
821.000 MHz
- 3: -21.633 dB
802.000 MHz
- 4: -23.142 dB
825.000 MHz

CH2 Markers

- 1: -27.251 dB
806.000 MHz
- 2: -23.151 dB
821.000 MHz
- 3: -42.340 dB
802.000 MHz
- 4: -1.3750 dB
825.000 MHz

CENTER 838.000 000 MHz

SPAN 100.000 000 MHz