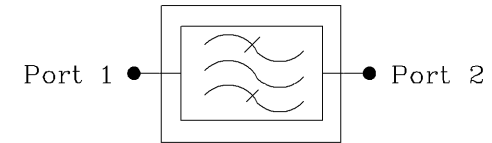
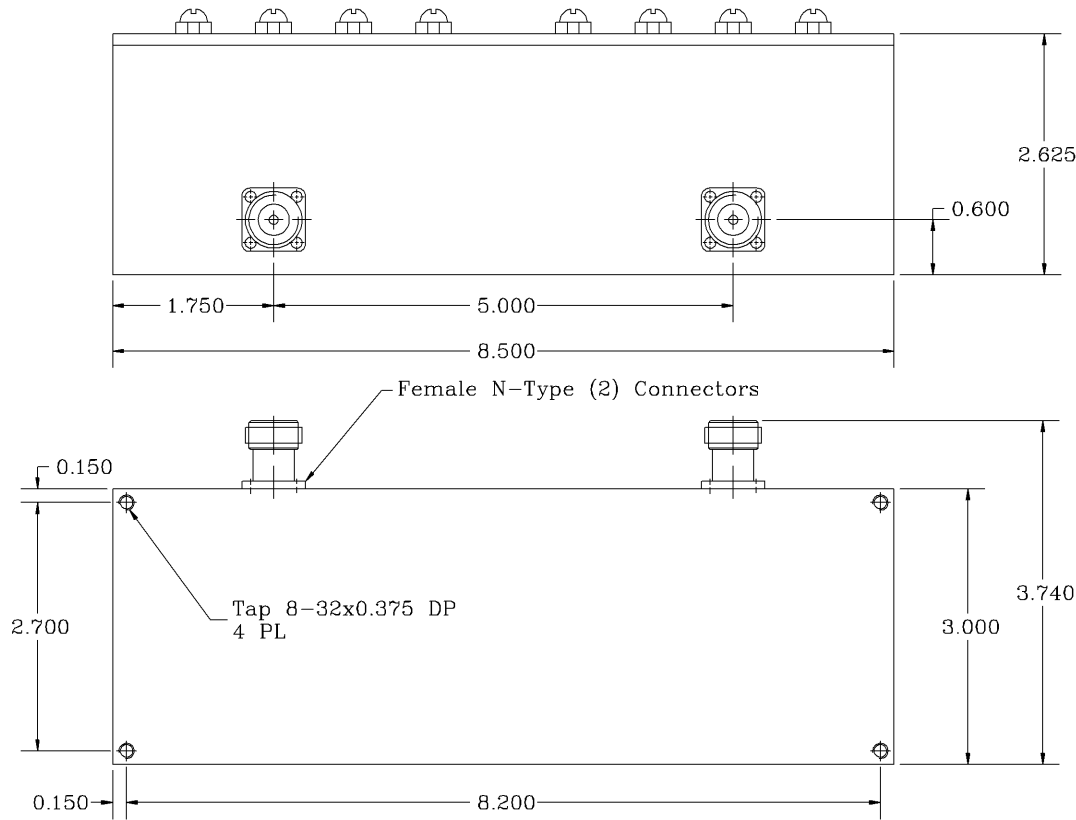


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

- \*Pass Band Frequency Range [MHz] : 806 to 849
- \*Pass Band Insertion Loss [dB] : <0.4, 0.3 (Typ.)
- \*Pass Band Ripple [dB] : <0.4 P-T-P
- \*Insertion Loss @ 849 MHz [dB] : <1.8
- \*Attenuation DC to 786 MHz [dB] : 30 (Min.), 35 (Typ.)
- 851 to 894 MHz [dB] : 30 (Min.), 35 (Typ.)
- 894 to 2400 MHz [dB] : 40 (Min.), 50 (Typ.)
- \*Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 30 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:

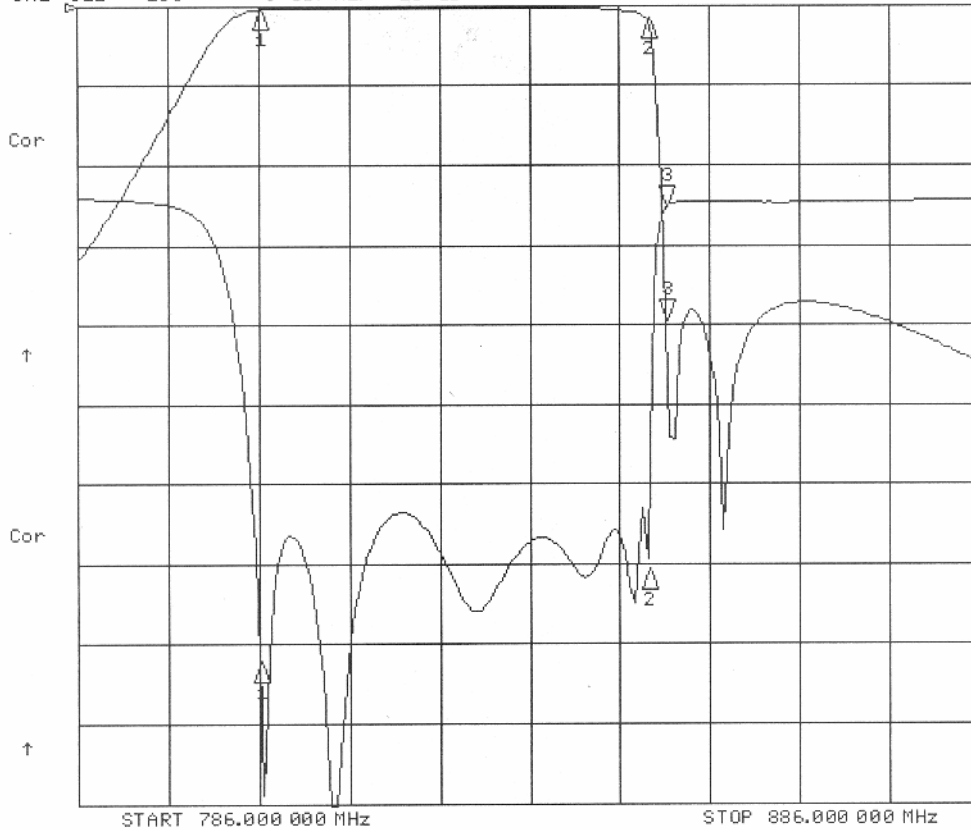
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE High "Q" Filter - Reject ESMR/DL			
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Sivak	05/04	CB828/43SK-D			
TREATMENT	CHECKED	ENG.		SIZE	CAGE CODE	DWG NO:	REV.
FINISH 63/		DESIGN ACTIVITY		A	3K1H4	CD828/43SK-D-1	0
MATERIAL AL6061-T6				SCALE	None		SHEET 1 OF 1

CB828/43SK-D

1 Jun 2004 23:06:47

CH1 S21 L06 10 dB/REF 0 dB 3:-39.570 dB 851.000 000 MHz  
CH2 S11 L06 5 dB/REF -18 dB 3:-.69000 dB



CH1 Markers

1:-.41300 dB  
806.000 MHz

2:-1.6972 dB  
849.000 MHz

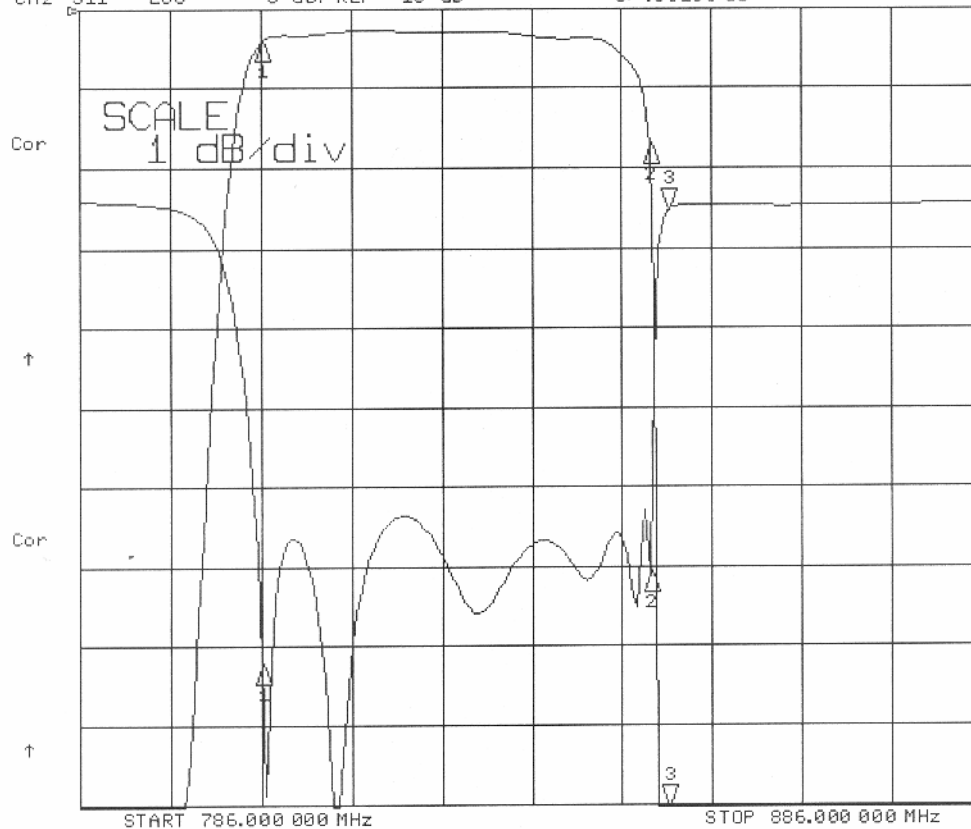
CH2 Markers

1:-29.208 dB  
806.000 MHz

2:-23.337 dB  
849.000 MHz

1 Jun 2004 23:06:51

CH1 S21 L06 1 dB/REF 0 dB 3:-39.658 dB 851.000 000 MHz  
CH2 S11 L06 5 dB/REF -18 dB 3:-.69160 dB



CH1 Markers

1:-.41330 dB  
806.000 MHz

2:-1.7013 dB  
849.000 MHz

CH2 Markers

1:-29.206 dB  
806.000 MHz

2:-23.405 dB  
849.000 MHz