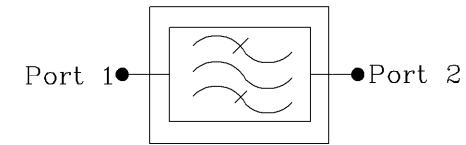
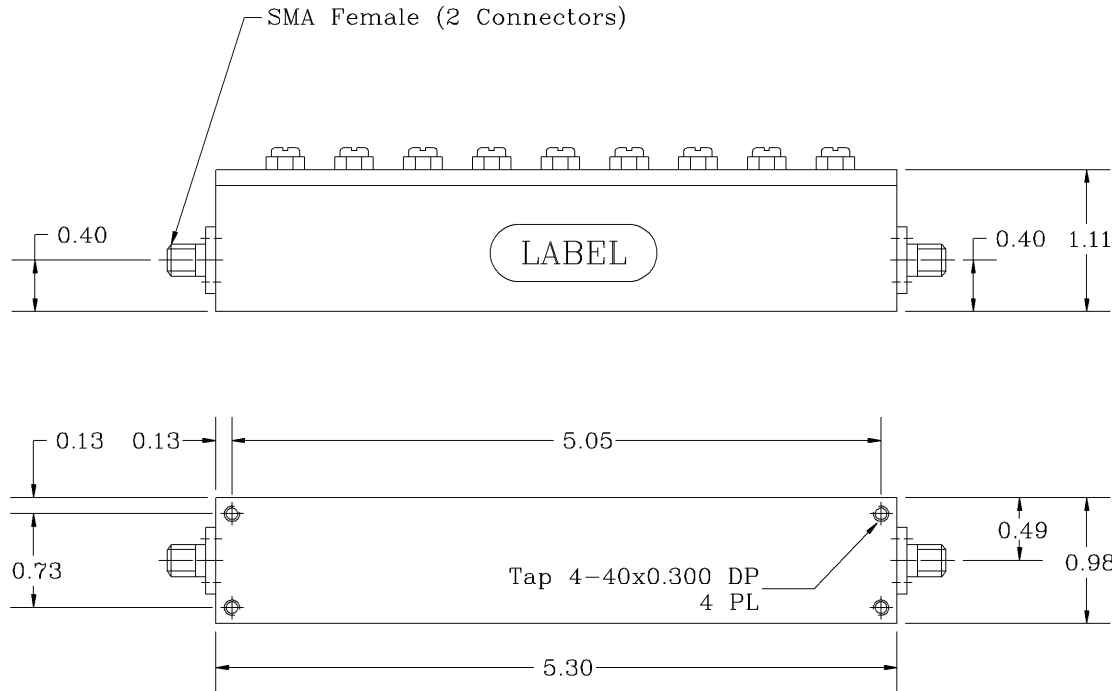


| REVISIONS |  |      |          |
|-----------|--|------|----------|
| REV       |  | DATE | APPROVED |
|           |  |      |          |
|           |  |      |          |
|           |  |      |          |



### Electrical Specifications

- \*Pass Band Range [MHz] : 2163 to 2205
- \*Pass Band Insertion Loss [dB] : 0.6, 0.5 (Typ.)
- \*Pass Band Ripple [dB] : < 0.4 P-T-P
- \*Attenuation @ DC to 2111 MHz [dB] : 55 (Min.)
- @ 2258 to 5590 MHz [dB] : 55 (Min.)
- \*Pass Band Return Loss [dB] : -18 (Max.), <1.3:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 30 Watts
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -35°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:

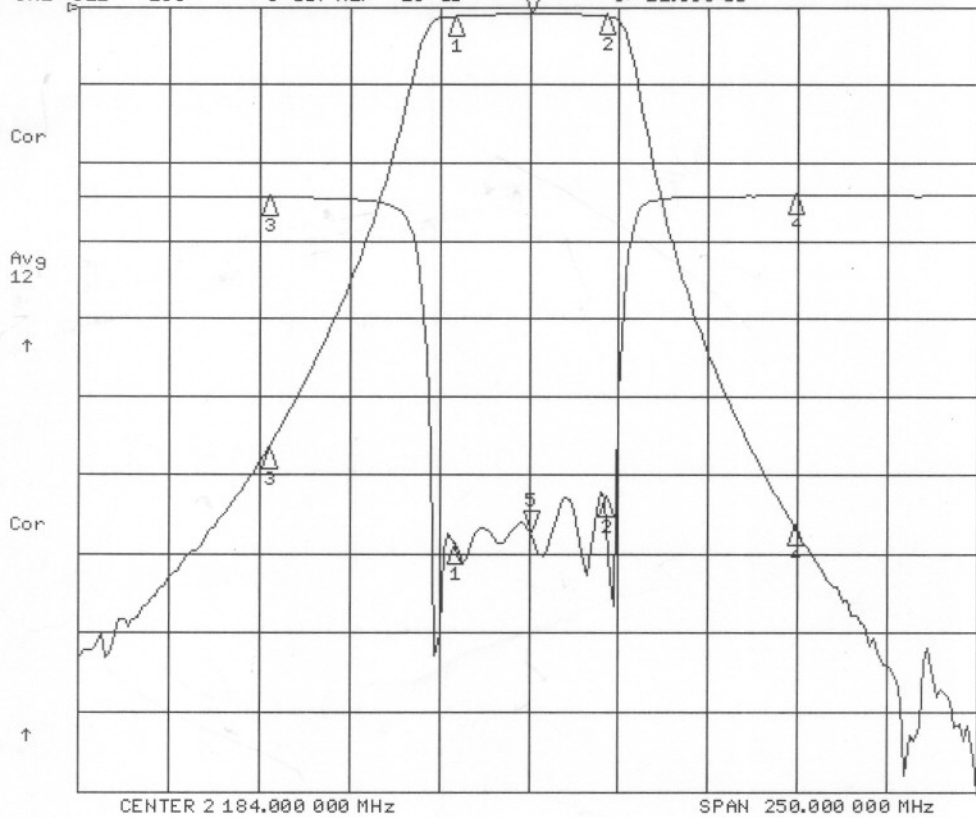
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:  
EPOXY GRAY - OPTIONAL

|  |  |                 |       |                        |                 |
|--|--|-----------------|-------|------------------------|-----------------|
| DIMENSIONS ARE IN INCHES:<br>TOLERANCES ARE:<br>ANGLES DECIMALS<br>± 1" .X ± .05<br>.XX ± .01<br>.XXX ± .003 |  | CONTRACT NO:    |       | <b>G-Way Microwave</b> |                 |
| TREATMENT  |  | APPROVALS       | DATE  |                        |                 |
| FINISH 63/   |  | DRAWN Segal     | 12/06 | Band Pass Filter       |                 |
| MATERIAL AL6061-T6   |  | CHECKED         |       | CB2184/42SK-D          |                 |
|  |  | ENG.            |       | SIZE                   | REV.            |
|  |  | DESIGN ACTIVITY |       | A                      | 0               |
|  |  |                 |       | CAGE CODE              | DWG NO:         |
|  |  |                 |       | 3K1H4                  | CB2184/42SK-D-1 |
|  |  |                 |       | SCALE None             | SHEET 1 OF 1    |

CB 2104/425K-D

20 Dec 2006 10:20:31

CH1 S21 LOG 10 dB/REF 0 dB 5: -82140 dB 2 184.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5: -21.558 dB



CH1 Markers

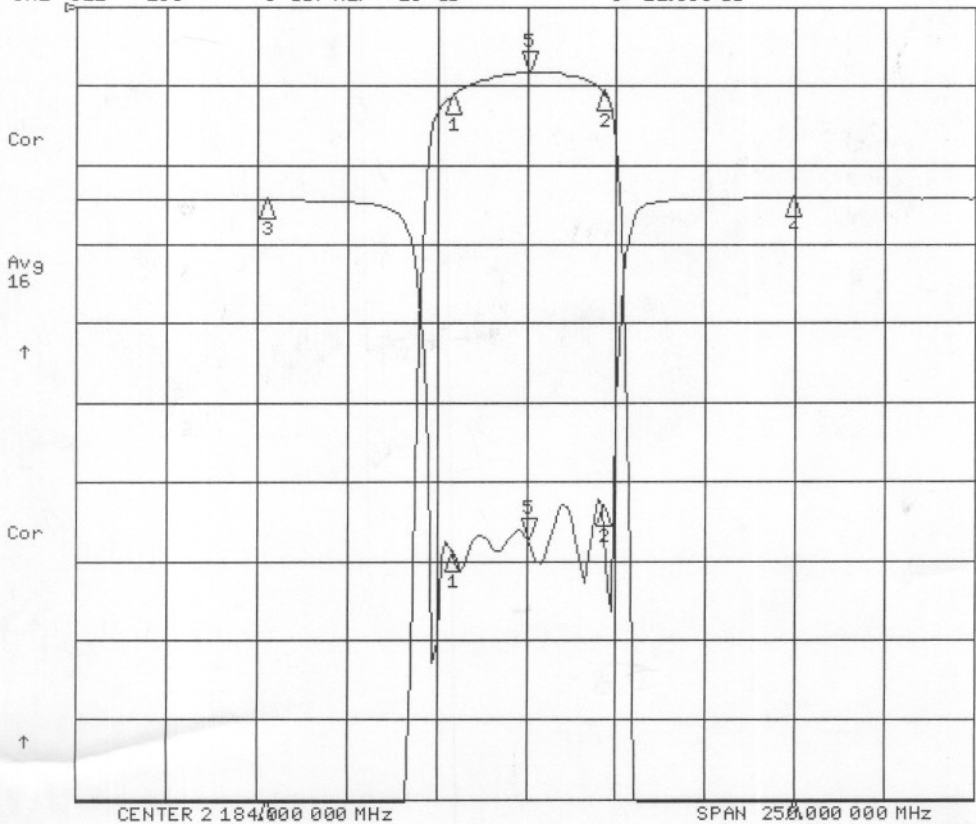
- 1: -1.1187 dB  
2.16300 GHz
- 2: -1.0629 dB  
2.20500 GHz
- 3: -56.846 dB  
2.11100 GHz
- 4: -66.497 dB  
2.25800 GHz

CH2 Markers

- 1: -22.370 dB  
2.16300 GHz
- 2: -19.446 dB  
2.20500 GHz
- 3: -20.860 dB  
2.11100 GHz
- 4: -0.8570 dB  
2.25800 GHz

20 Dec 2006 10:20:35

CH1 S21 LOG 1 dB/REF 0 dB 5: -82040 dB 2 184.000 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5: -21.563 dB



CH1 Markers

- 1: -1.1171 dB  
2.16300 GHz
- 2: -1.0603 dB  
2.20500 GHz
- 3: -56.863 dB  
2.11100 GHz
- 4: -66.452 dB  
2.25800 GHz

CH2 Markers

- 1: -22.386 dB  
2.16300 GHz
- 2: -19.473 dB  
2.20500 GHz
- 3: -21.120 dB  
2.11100 GHz
- 4: -0.8390 dB  
2.25800 GHz