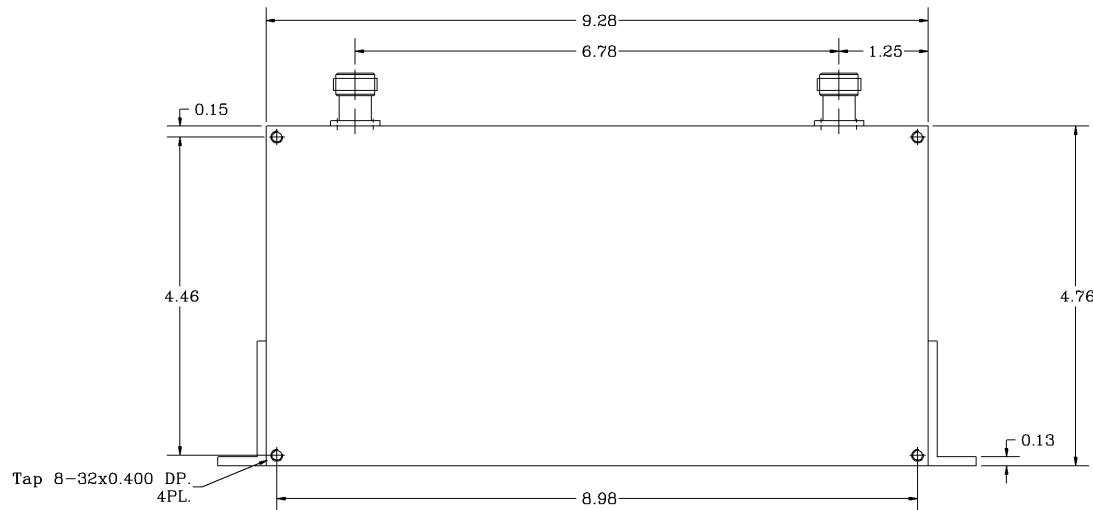
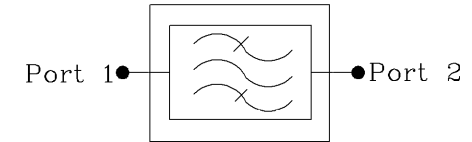
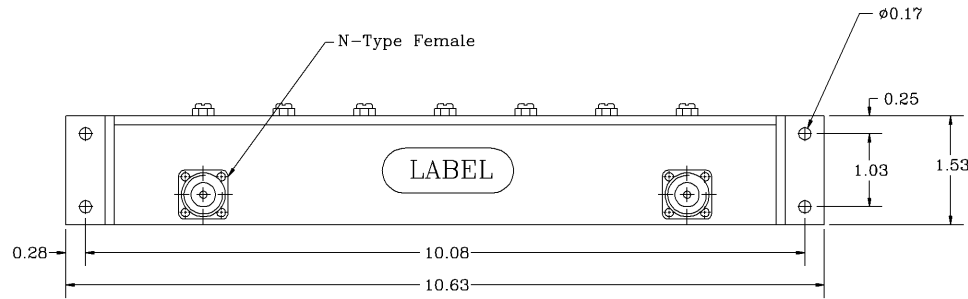


| REVISIONS | | | |
|-----------|--|------|----------|
| REV | | DATE | APPROVED |
| | | | |
| | | | |
| | | | |



Electrical Specifications

- *Passband Frequency Range [MHz] : 1870 to 1965
- *Pass Band Insertion Loss [dB] : < 0.5, 0.4 (Typ.)
- *Pass Band Ripple [dB] : < 0.2 P-T-P
- *Insertion Loss @ 1965 MHz [dB] : < 4.0, 3.5 (Typ.)
- *Attenuation @ DC to 1600 MHz [dB] : 50 (Min.)
 - @ 1966 MHz [dB] : 10 (Min.), 12 (Typ.)
 - @ 1967 MHz [dB] : 25 (Min.), 28 (Typ.)
 - @ 1968 MHz [dB] : 40 (Min.)
 - @ 1969 to 1980 MHz [dB] : 18 (Min.), 20 (Typ.)
- *Pass Band Return Loss IN/OUT [dB] : < 1.32:1
- *Input/Output Impedance : 50 ohm
- *Input/Output @ DC Ground Potential
- *RF Power Capability Average : 20 Watts

OPERATING TEMPERATURE RANGE: -0°C TO +55°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.

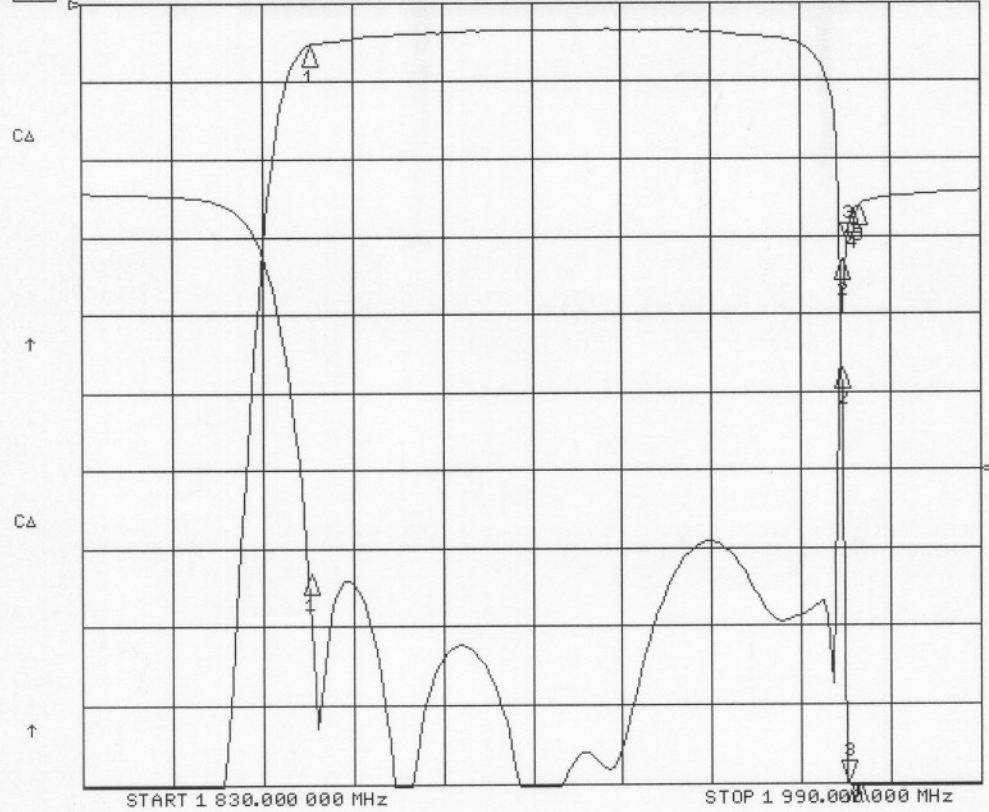
NOTES:

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 | | | | | TITLE | |
| ± 1° | X ± .05 XX ± .01 XXX ± .003 | DRAWN Sivak | 12/05 | Pre-Selector Filter PCS | | SIZE | CAGE CODE | DWG NO: | REV. |
| TREATMENT | CHECKED | ENG. | | CB1917.5/95SK-B4 | | A | 3K1H4 | CB1917.5/95SK-B4-1 | 0 |
| FINISH 63/ | DESIGN ACTIVITY | | | SCALE None | | | | SHEET 1 OF 1 | |
| MATERIAL | | | | | | | | | |

CB19175/95SK-B4

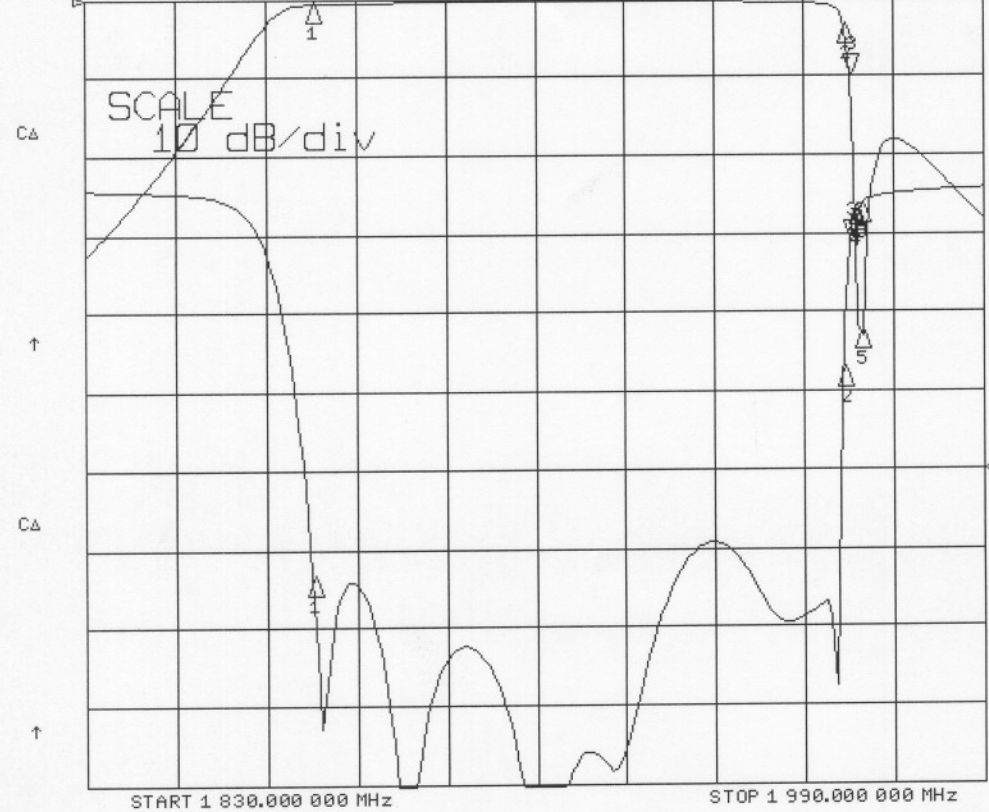
16 Dec 2005 14:32:42
 CH1 S21 LOG 1 dB/REF 0 dB 3:-9.9878 dB
 CH2 S11 LOG 5 dB/REF -18 dB 3:-3.5022 dB 1 966.000 000 MHz



- CH1 Markers
- 1:-54710 dB
1.87000 GHz
 - 2:-3.3175 dB
1.96500 GHz
 - 4:-26.171 dB
1.96700 GHz
 - 5:-41.922 dB
1.96800 GHz

- CH2 Markers
- 1:-24.695 dB
1.87000 GHz
 - 2:-11.630 dB
1.96500 GHz
 - 4:-1.6499 dB
1.96700 GHz
 - 5:-1.0884 dB
1.96800 GHz

16 Dec 2005 14:32:46
 CH1 S21 LOG 10 dB/REF 0 dB 3:-9.9190 dB 1 966.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 3:-3.5590 dB



- CH1 Markers
- 1:-54700 dB
1.87000 GHz
 - 2:-3.3153 dB
1.96500 GHz
 - 4:-26.504 dB
1.96700 GHz
 - 5:-42.256 dB
1.96800 GHz

- CH2 Markers
- 1:-24.686 dB
1.87000 GHz
 - 2:-11.595 dB
1.96500 GHz
 - 4:-1.6052 dB
1.96700 GHz
 - 5:-1.0871 dB
1.96800 GHz