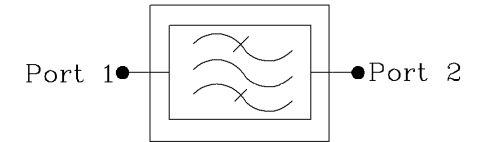
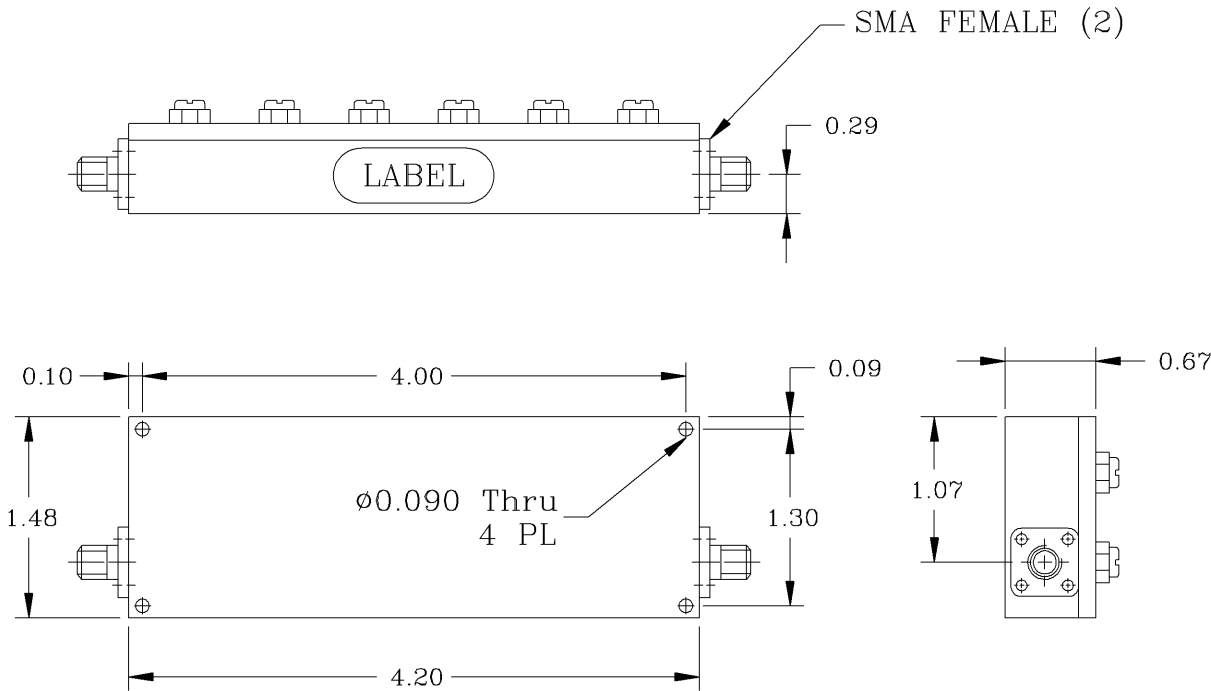


| REVISIONS | | | |
|-----------|--|------|----------|
| REV | | DATE | APPROVED |
| | | | |
| | | | |
| | | | |



Electrical Specifications

- *Pass Band Range [MHz] : 4400 to 4590
- *Pass Band Insertion Loss [dB] : <0.8
- *Pass Band Ripple [dB] : <0.5 P-T-P
- *Rejection DC to 4365 MHz [dB] : 25 (Min.)
- @ 4620 MHz [dB] : 25 (Min.)
- *Pass Band Return Loss [dB] : -16 (Max.), <1.4:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 5 Watts
- *Input/Output @ DC Ground Potential

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:

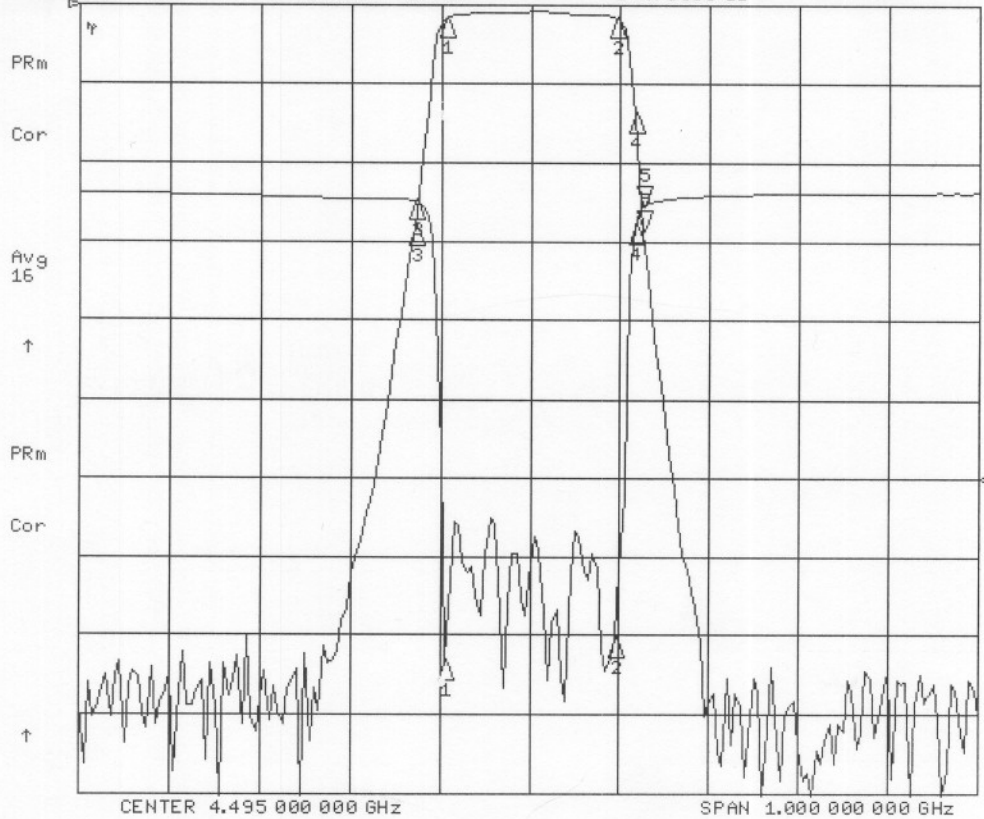
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

| DIMENSIONS ARE IN INCHES TOLERANCES ARE | | CONTRACT NO: | | G-Way Microwave | |
|--|--------------------------------------|--------------|-----------|--|--------|
| ANGLES | DECIMALS | APPROVALS | DATE | | |
| ± 1° | .X ± .05 .XX ± .01 .XXX ± .003 | DRAWN Segal | 04/07 | TITLE Band Pass Filter CB4495/190SK-B1 | |
| TREATMENT | CHECKED | SIZE | CAGE CODE | DWG NO: | REV. |
| FINISH 63 | ENG. | A | 3K1H4 | CB4495/190SK-B1-1 | 0 |
| MATERIAL | DESIGN ACTIVITY | SCALE | None | SHEET | 1 OF 1 |

CB4495/1905K-B1

1 May 2007 08:35:27

CH1 S21 LOG 10 dB/REF 0 dB 5:-28.744 dB 4.620 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.76800 dB



CH1 Markers

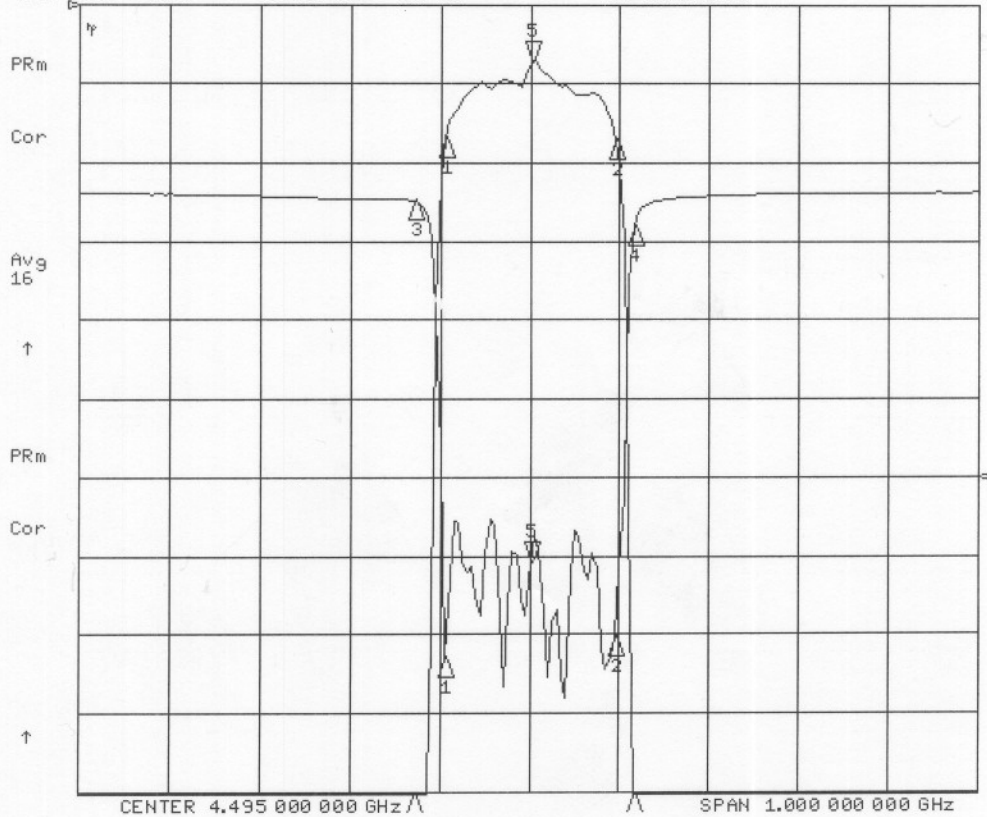
- 1:-1.6830 dB
4.40000 GHz
- 2:-1.7120 dB
4.59000 GHz
- 3:-28.265 dB
4.36500 GHz
- 4:-13.769 dB
4.61000 GHz

CH2 Markers

- 1:-29.589 dB
4.40000 GHz
- 2:-28.149 dB
4.59000 GHz
- 3:-4.2400 dB
4.36500 GHz
- 4:-2.0170 dB
4.61000 GHz

1 May 2007 08:35:39

CH1 S21 LOG 1 dB/REF 0 dB 5:-.72400 dB 4.495 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-23.376 dB



CH1 Markers

- 1:-1.6830 dB
4.40000 GHz
- 2:-1.7130 dB
4.59000 GHz
- 3:-28.265 dB
4.36500 GHz
- 4:-13.770 dB
4.61000 GHz

CH2 Markers

- 1:-29.564 dB
4.40000 GHz
- 2:-28.181 dB
4.59000 GHz
- 3:-4.2500 dB
4.36500 GHz
- 4:-2.0220 dB
4.61000 GHz