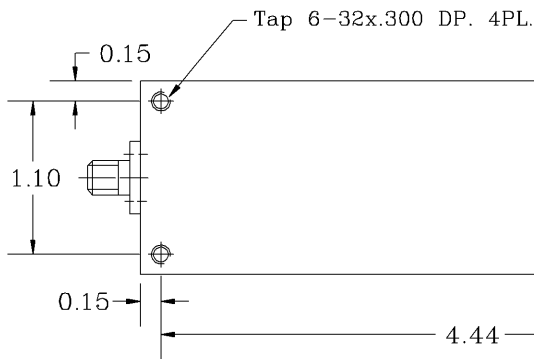
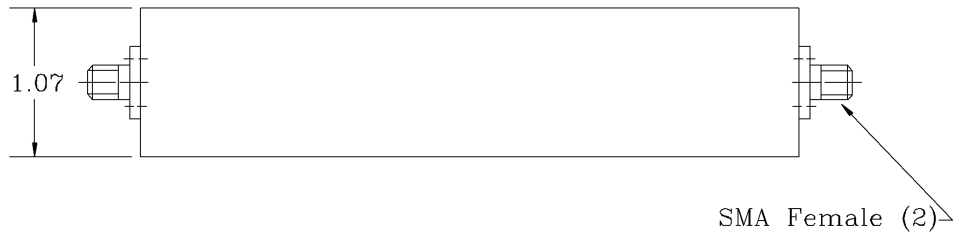
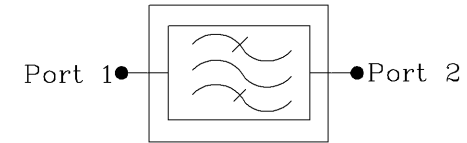
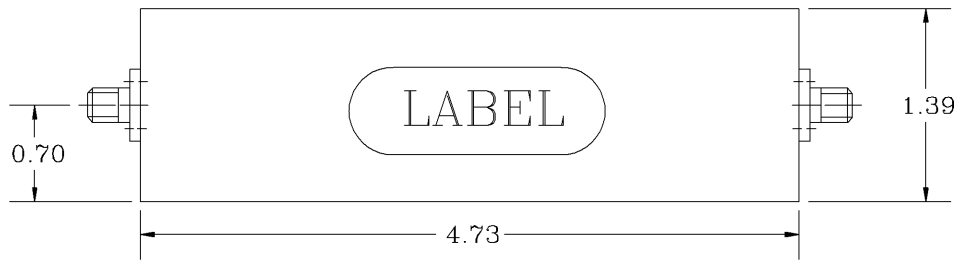


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Pass Band Frequency Range [MHz] : 130 to 150
- *Pass Band Insertion Loss [dB] : < 0.8
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Attenuation @ DC to 100 MHz [dB] : 40 (Min.)
- *Attenuation @ 115 MHz [dB] : 15 (Min.)
- *Attenuation @ 165 MHz [dB] : 15 (Min.)
- *Attenuation @ 180 MHz [dB] : 40 (Min.)
- *Pass Band Return Loss [dB] : 18 (Max.)
- *Input/Output Impedance : 50 ohm
- *Input/Output @ DC Ground Potential
- *RF Power Capability Average : 2 Watt

OPERATING TEMPERATURE RANGE: -0°C TO +70°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:

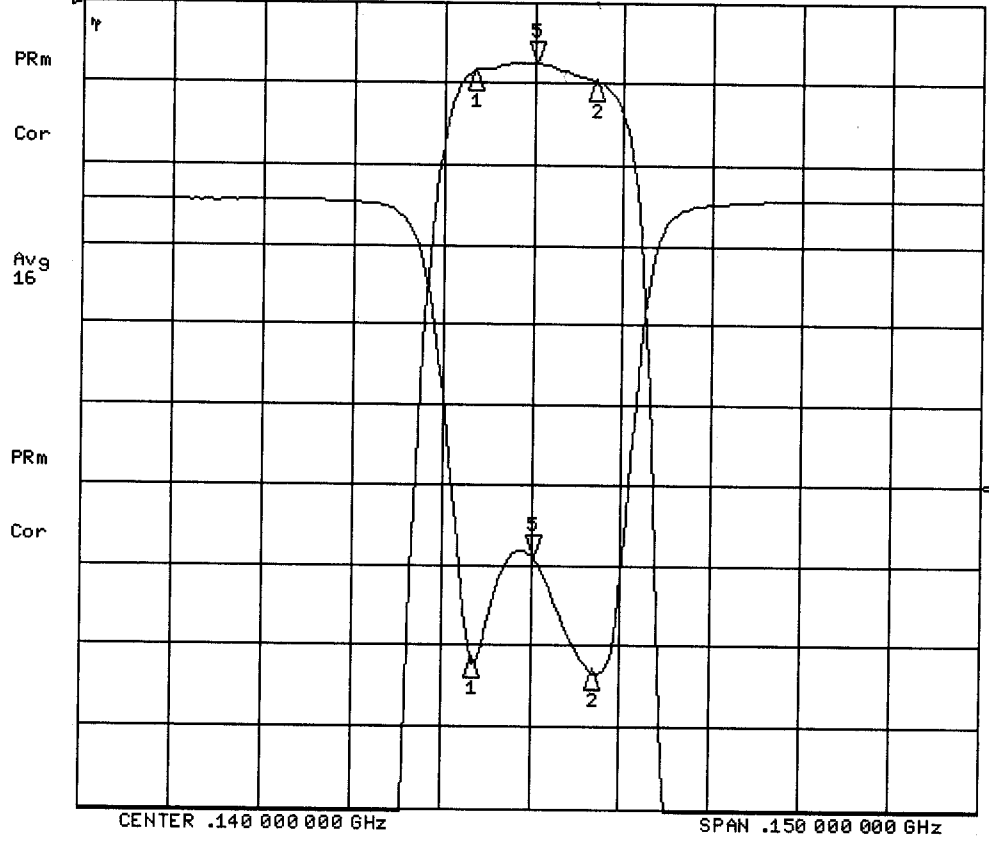
1. BREAK ALL CORNERS & EDGES.005/.010.
2. FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE Band Pass 130-150 MHz			
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	03/09	LB140/200K-A1			
TREATMENT	CHECKED	ENG.	DESIGN ACTIVITY	SIZE	CAGE CODE	DWG NO:	REV.
FINISH 63/				A	3K1H4	LB140/200K-A1-1	0
MATERIAL AL6061-T6				SCALE None			SHEET 1 OF 1

LB140/200K-A1

19 Mar 2009 08:15:22

CH1 S21 LOG 1 dB/REF 0 dB 5:-.74200 dB .140 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-22.466 dB

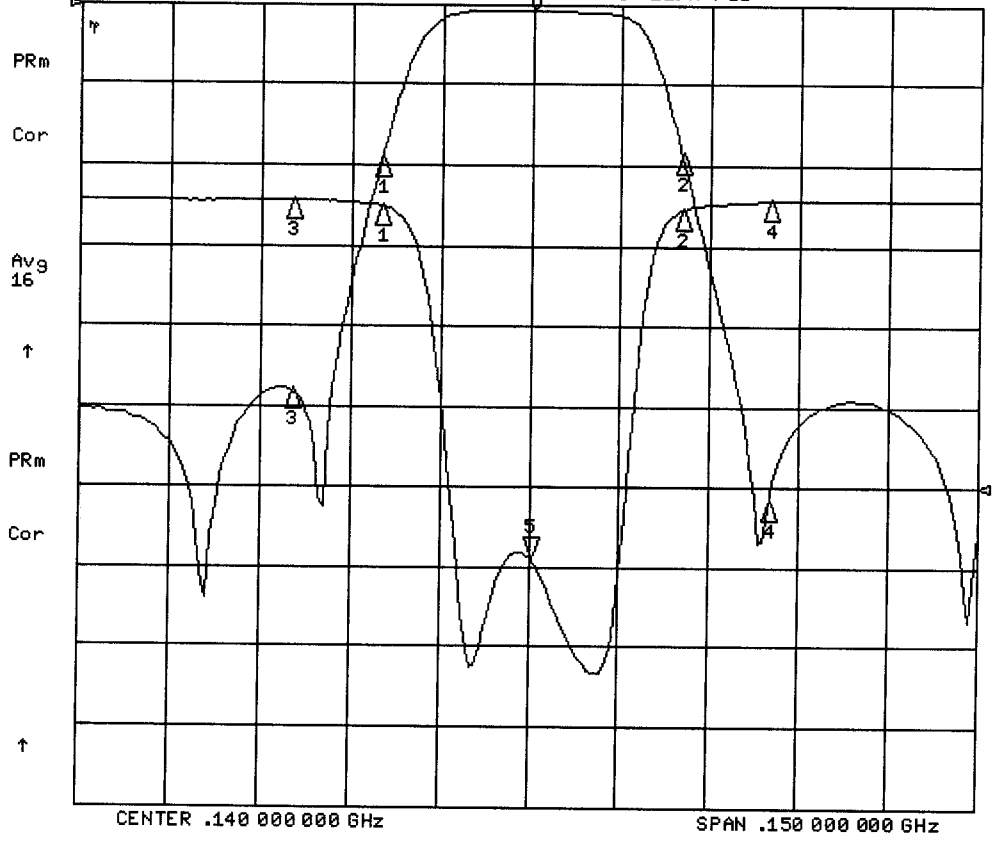


CH1 Markers
 1:-.85200 dB
 130.000 MHz
 2:-.97100 dB
 150.000 MHz

CH2 Markers
 1:-28.846 dB
 130.000 MHz
 2:-29.565 dB
 150.000 MHz

19 Mar 2009 08:16:05

CH1 S21 LOG 10 dB/REF 0 dB 5:-.74000 dB .140 000 000 GHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-22.474 dB



CH1 Markers
 1:-19.014 dB
 115.000 MHz
 2:-18.473 dB
 165.000 MHz
 3:-47.983 dB
 100.000 MHz
 4:-61.557 dB
 180.000 MHz

CH2 Markers
 1:-56.600 dB
 115.000 MHz
 2:-78.700 dB
 165.000 MHz
 3:-18.400 dB
 100.000 MHz
 4:-21.200 dB
 180.000 MHz