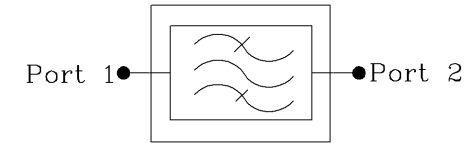
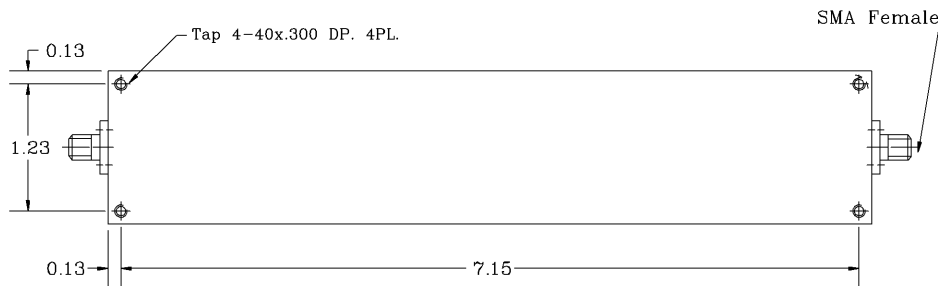
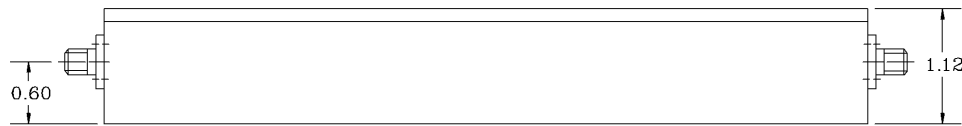
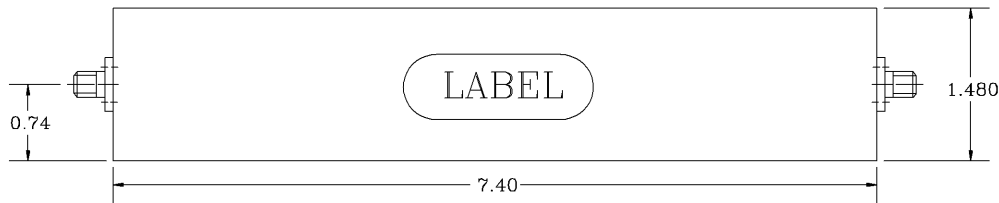


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

*1dB Pass Band Frequency Range [MHz]	: 73.75 to 113.75
*Pass Band Insertion Loss @ Fo [dB]	: < 0.8
*Pass Band Ripple [dB]	: < 0.5 P-T-P
*Attenuation @ DC to 51.25 MHz [dB]	: 30 (Min.), 45 (Typ.)
@ 136.25 to 250 MHz [dB]	: 30 (Min.), 40 (Typ.)
@ 250 to 2000 MHz [dB]	: 60 (Min.), 75 (Typ.)
*Pass Band Return Loss [dB]	: < 1.5:1
*Input/Output Impedance	: 50 ohm
*Input/Output @ DC Ground Potential	
*RF Power Capability Average	: 1 Watt
PEAK	: 5 Watt

OPERATING TEMPERATURE RANGE: -10°C TO +70°C

PROPRIETARY DOCUMENT:
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NOTES:

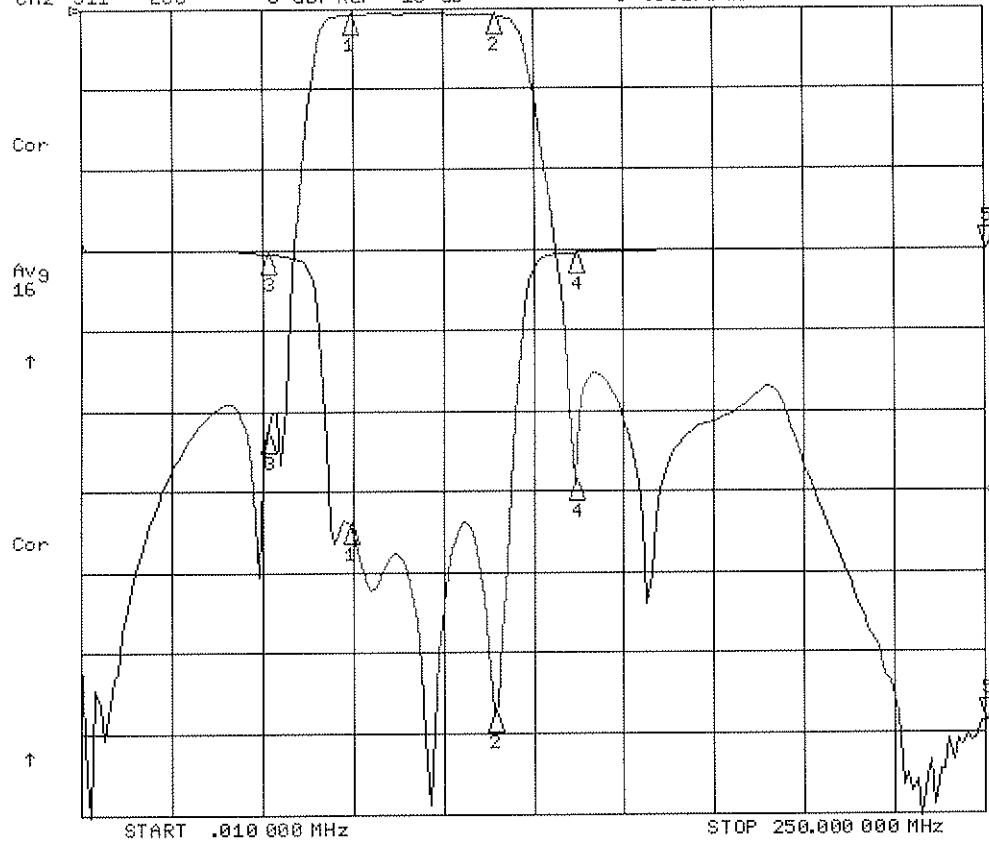
- BREAK ALL CORNERS & EDGES.005/.010.
- FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Way Microwave	
TOLERANCES ARE		APPROVALS			
ANGLES	DECIMALS	DATE		LB93.75/400K-AL	
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak 05/11		SIZE	CAGE CODE
TREATMENT	CHECKED	DESIGN ACTIVITY		A	3K1H4
FINISH	63/	MATERIAL		SCALE	None
				DWG NO:	REV.
				LB93.75/400K-AL-1	0
				SHEET	1 OF 1

Unit designed to meet MIL-STD-810E test conditions per ISO: 9001-2008

20 May 2011 15:12:56

CH1 S21 LOG 10 dB/REF 0 dB 5:-88.465 dB 250.000 000 MHz
 CH2 S11 LOG 5 dB/REF -15 dB 5:-.03270 dB



CH1 Markers

- 1:-74.110 dB
73.7500 MHz
- 2:-84.470 dB
113.750 MHz
- 3:-52.654 dB
51.2500 MHz
- 4:-58.800 dB
136.250 MHz

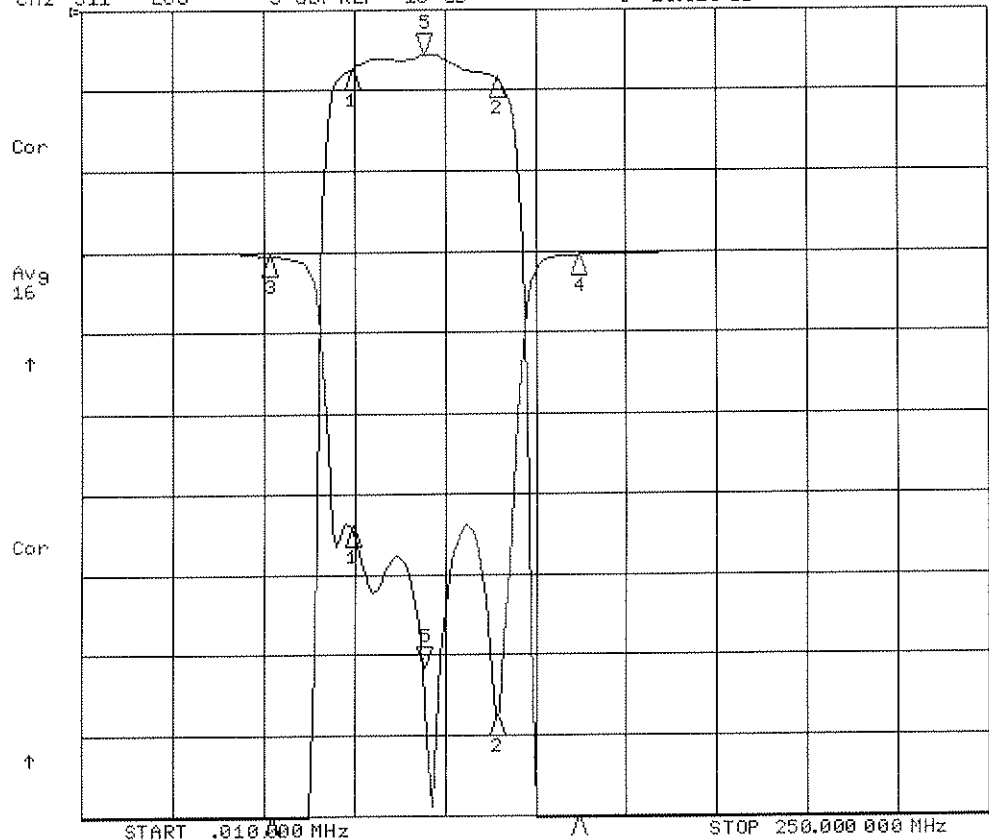
CH2 Markers

- 1:-16.987 dB
73.7500 MHz
- 2:-28.621 dB
113.750 MHz
- 3:-.27560 dB
51.2500 MHz
- 4:-.24580 dB
136.250 MHz

START .010 000 MHz STOP 250.000 000 MHz

20 May 2011 15:13:06

CH1 S21 LOG 1 dB/REF 0 dB 5:-.56660 dB 93.750 000 MHz
 CH2 S11 LOG 5 dB/REF -15 dB 5:-25.826 dB



CH1 Markers

- 1:-73.970 dB
73.7500 MHz
- 2:-84.500 dB
113.750 MHz
- 3:-52.643 dB
51.2500 MHz
- 4:-58.439 dB
136.250 MHz

CH2 Markers

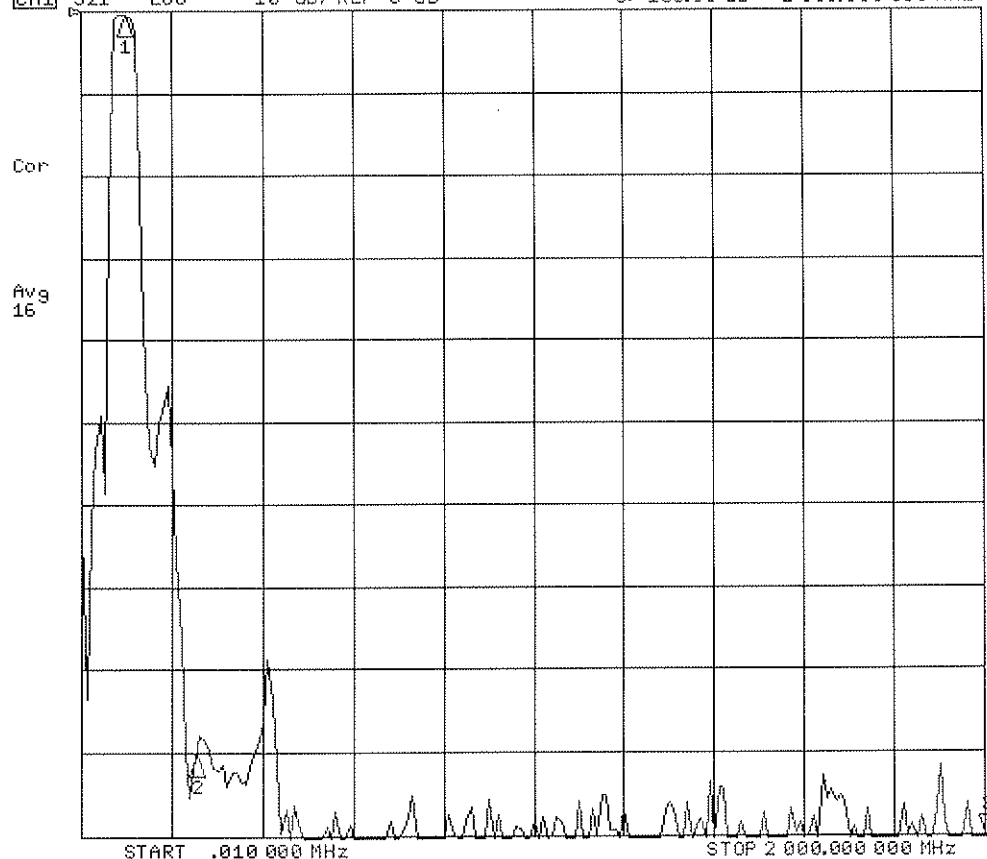
- 1:-16.984 dB
73.7500 MHz
- 2:-28.746 dB
113.750 MHz
- 3:-.27390 dB
51.2500 MHz
- 4:-.24440 dB
136.250 MHz

START .010 000 MHz STOP 250.000 000 MHz

20 May 2011 15:09:06

CHI S21 LOG 10 dB/REF 0 dB

3:-103.98 dB 2 000.000 000 MHz



CHI Markers
1:-61.760 dB
93.7500 MHz
2:-90.583 dB
250.000 MHz