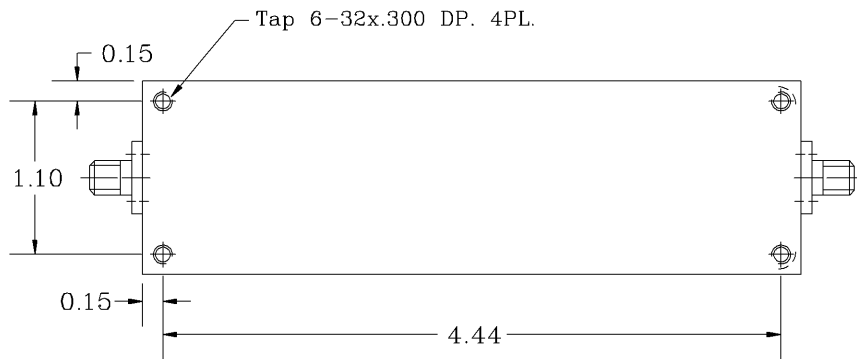
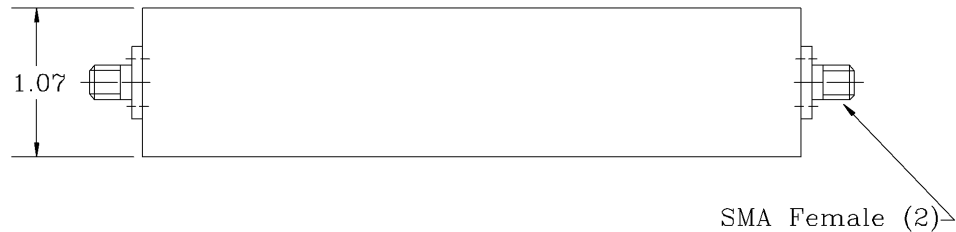
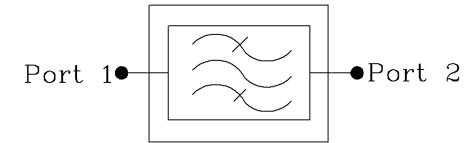
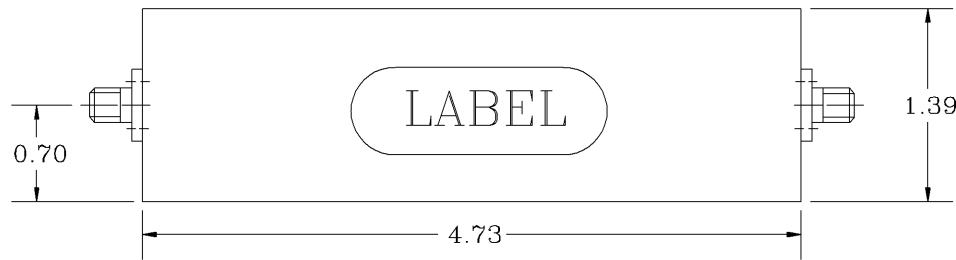


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

*Pass Band Frequency Range [MHz]	: 135 to 145
*Pass Band Insertion Loss [dB]	: < 1.1
*Pass Band Ripple [dB]	: < 0.5 P-T-P
*Attenuation @ DC to 105 MHz [dB]	: 40 (Min.)
*Attenuation @ 120 MHz [dB]	: 15 (Min.)
*Attenuation @ 160 MHz [dB]	: 15 (Min.)
*Attenuation @ 175 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:  
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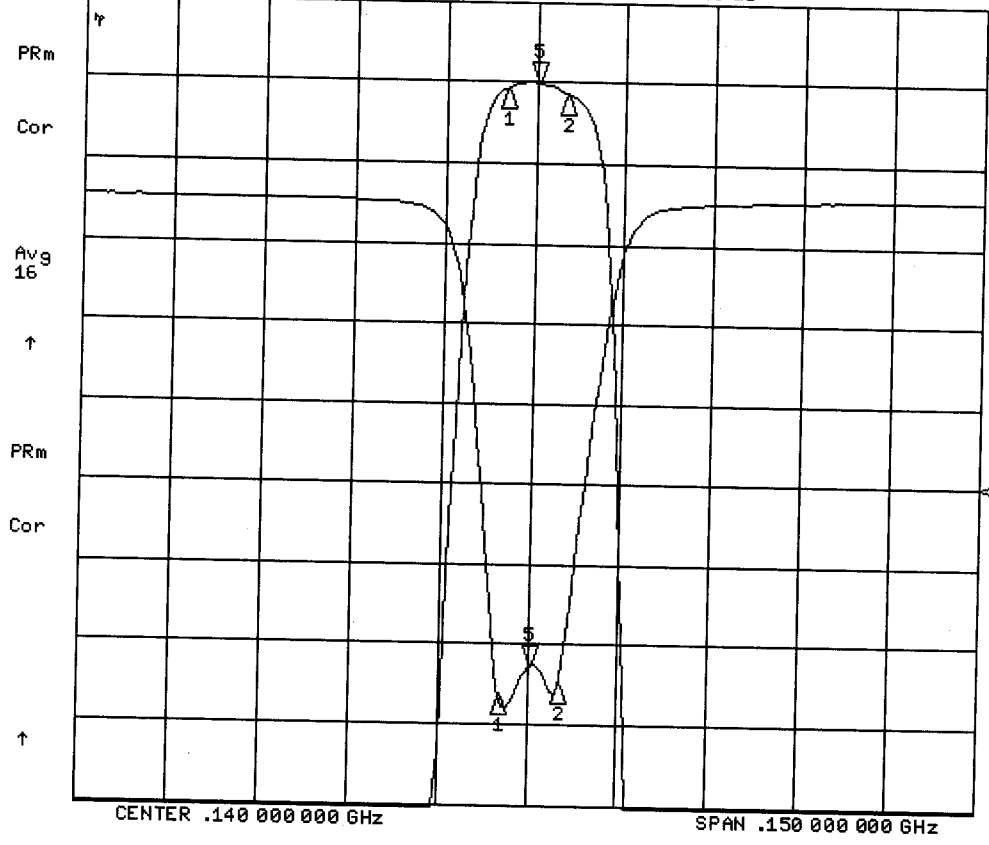
#### NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		<b>G-Way Microwave</b>			
± 1"	X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE				
TREATMENT		DRAWN Sivak	03/09	LB140/100K-A1			
FINISH 63/		CHECKED		SIZE A	CAGE CODE 3K1H4	DWG NO: LB140/100K-A1-1	REV. 0
MATERIAL AL6061-T6		ENG. DESIGN ACTIVITY		SCALE None			SHEET 1 OF 1

LBI40/10 OK-A1

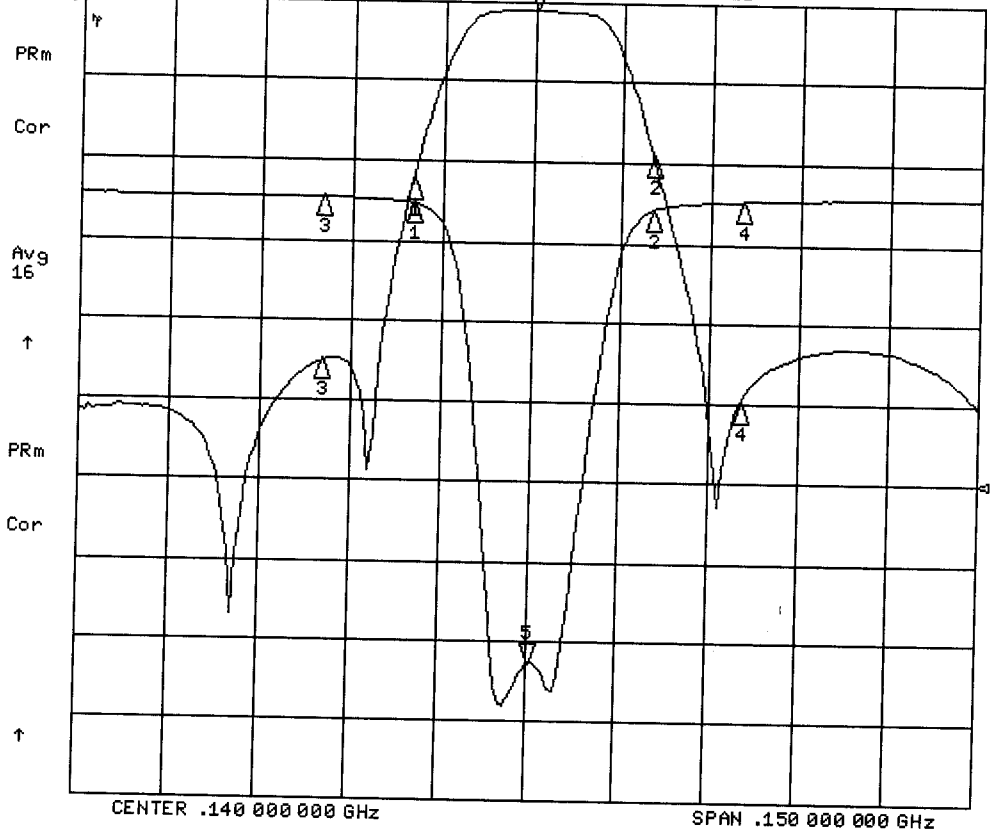
19 Mar 2009 09:16:20  
 CH1 S21 LOG 1 dB/REF 0 dB 5i:-1.0040 dB .140 000 000 GHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5i:-29.428 dB



CH1 Markers  
 1i:-1.0710 dB  
 135.000 MHz  
 2i:-1.1460 dB  
 145.000 MHz

CH2 Markers  
 1i:-31.234 dB  
 135.000 MHz  
 2i:-30.491 dB  
 145.000 MHz

19 Mar 2009 09:16:51  
 CH1 S21 LOG 10 dB/REF 0 dB 5i:-1.0030 dB .140 000 000 GHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5i:-29.454 dB



CH1 Markers  
 1i:-22.284 dB  
 120.000 MHz  
 2i:-19.259 dB  
 160.000 MHz  
 3i:-45.100 dB  
 105.000 MHz  
 4i:-49.937 dB  
 175.000 MHz

CH2 Markers  
 1i:-.65000 dB  
 120.000 MHz  
 2i:-.93500 dB  
 160.000 MHz  
 3i:-.32100 dB  
 105.000 MHz  
 4i:-.34500 dB  
 175.000 MHz