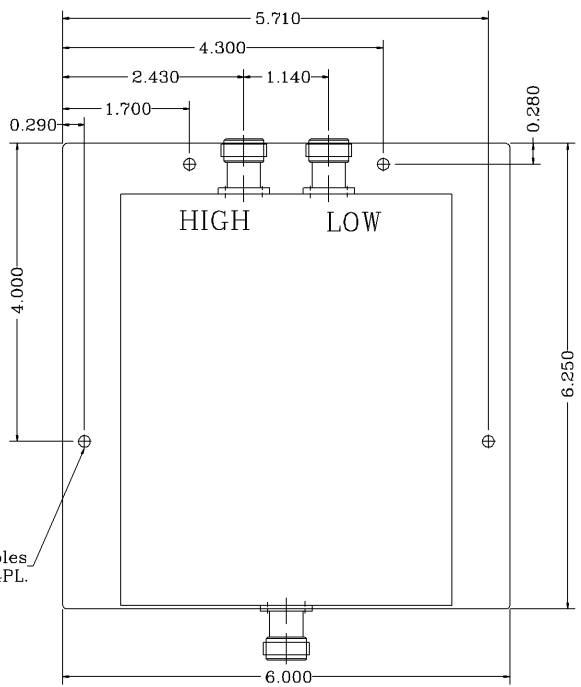
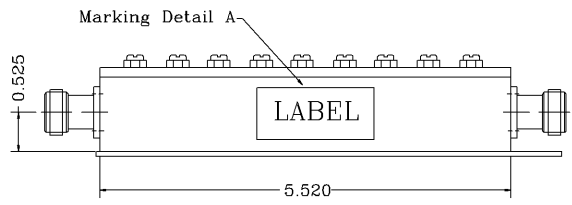
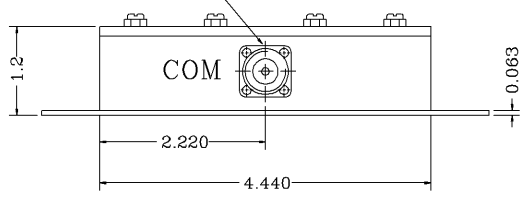
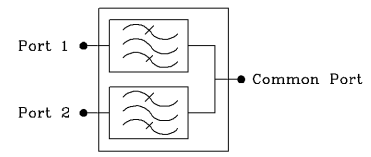


N-TYPE FEMALE CONNECTOR (3)



Mounting Holes
ø0.156 4PL.

REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

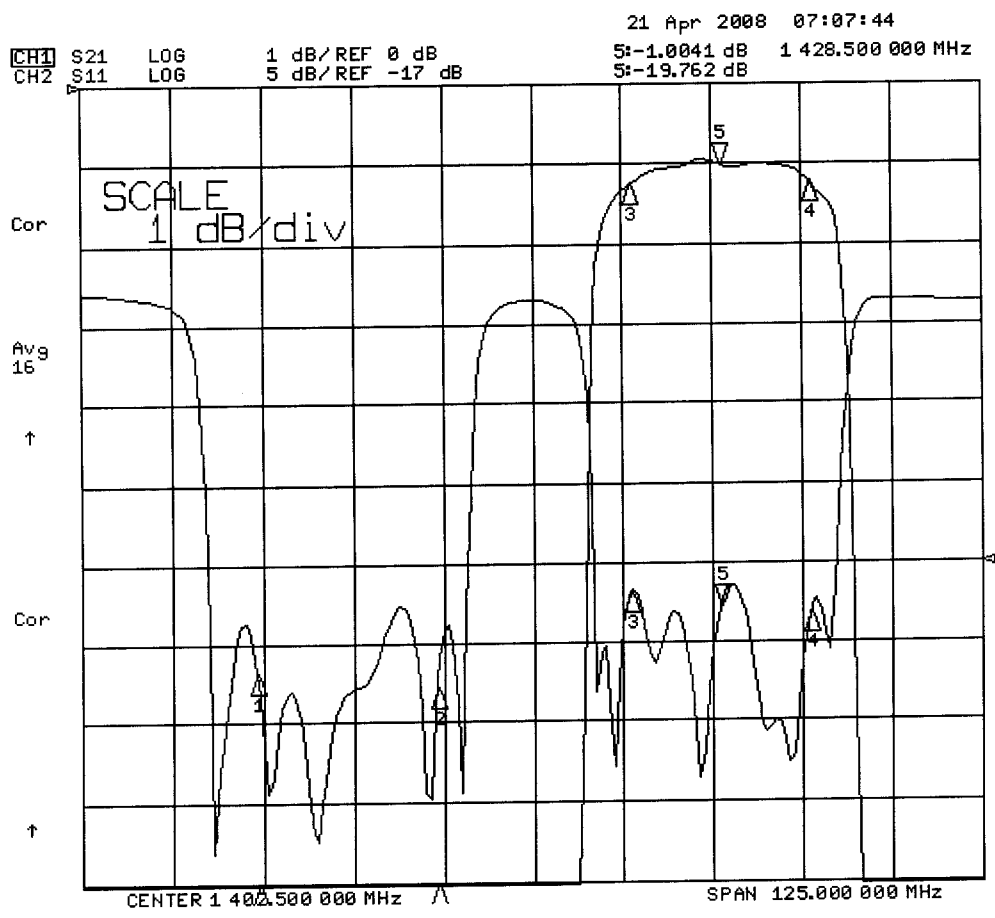
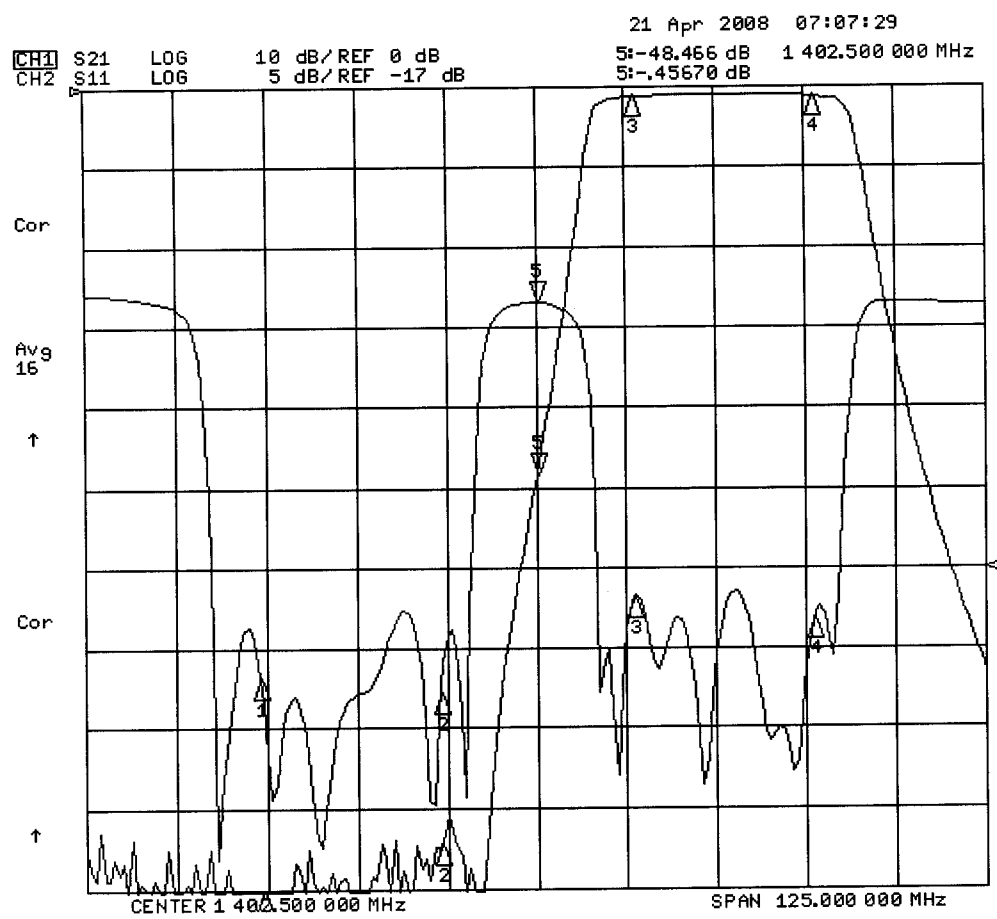
- *Low Pass Band Range [MHz] : 1364 to 1389
- *High Pass Band Range [MHz] : 1416 to 1441
- *Pass Band Insertion Loss [dB] : <1.2, 1.1 (Typ.)
- *Pass Band Ripple [dB] : <0.5 P-T-P
- *Low Attenuation 1416 to 1441 MHz [dB] : 90 (Min.), 95 (Typ.)
- *High Attenuation 1364 to 1389 MHz [dB] : 90 (Min.), 95 (Typ.)
- *Isolation Between Filters [dB] : 90 (Min.), 95 (Typ.)
- *Pass Band Return Loss [dB] : -17 (Max.)
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -35°C TO +75°C

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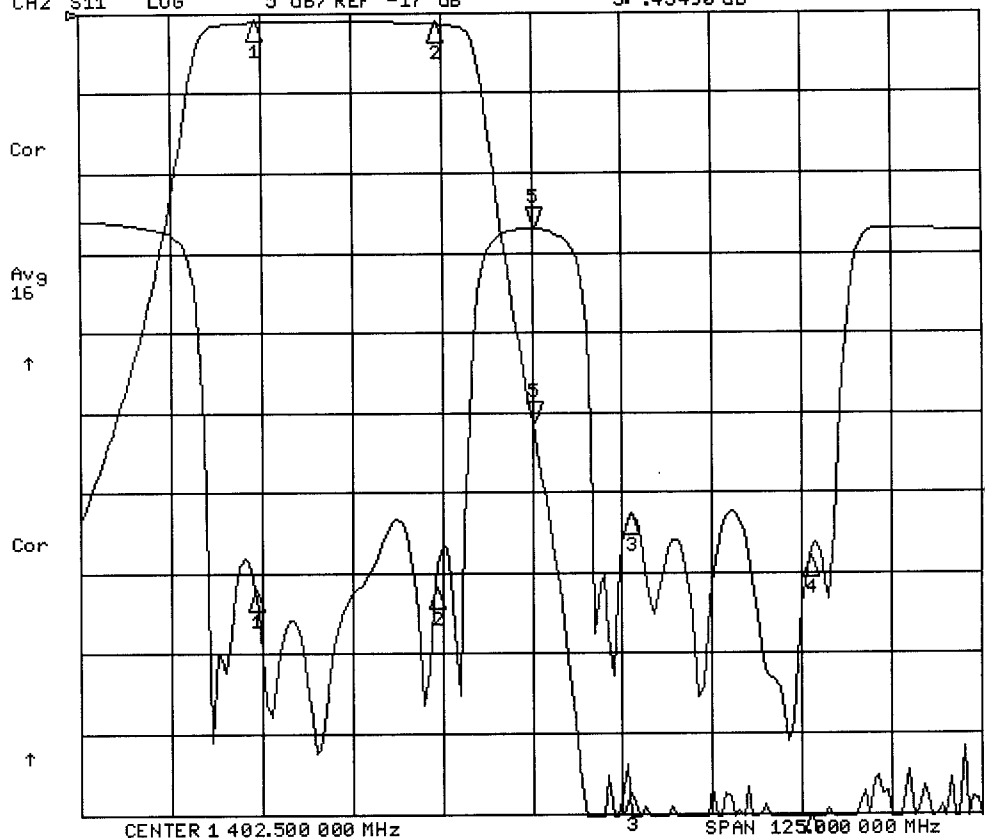
- NOTES:
- BREAK ALL CORNERS & EDGES.005/.010.
 - FINAL FINISH:
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN	Segal	04/08	Diplexer 1402.5 MHz CD1402.5/25SK-B5		
TREATMENT	CHECKED	SIZE	CAGE CODE	DWG NO:	REV.		
FINISH	63/	A	3K1H4	CD1402.5/25SK-B5-1	0		
MATERIAL	AL6061-T6	DESIGN ACTIVITY	SCALE	None	SHEET	1 OF 1	



21 Apr 2008 07:08:13

CH1 S21 LOG 10 dB/REF 0 dB 5:-51.404 dB 1 402.500 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-.45490 dB



CH1 Markers

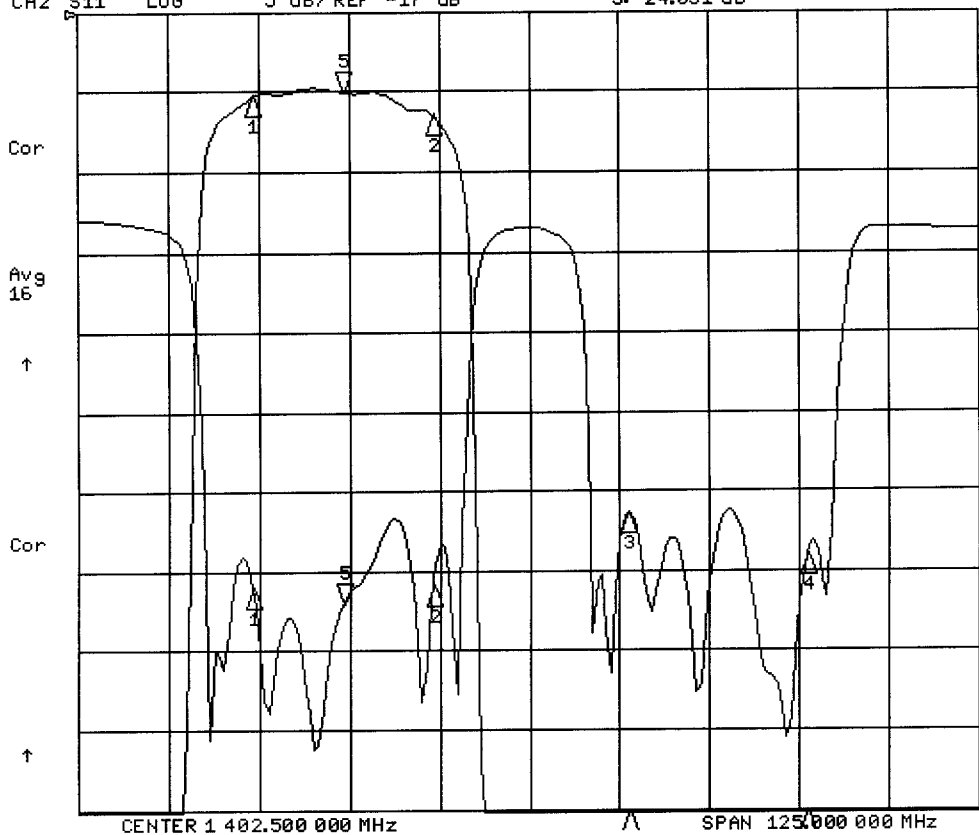
- 1:-1.0681 dB
1.36400 GHz
- 2:-1.2888 dB
1.38900 GHz
- 3:-103.51 dB
1.41600 GHz
- 4:-102.98 dB
1.44100 GHz

CH2 Markers

- 1:-23.137 dB
1.36400 GHz
- 2:-22.968 dB
1.38900 GHz
- 3:-18.400 dB
1.41600 GHz
- 4:-21.024 dB
1.44100 GHz

21 Apr 2008 07:08:30

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.0146 dB 1 376.500 000 MHz
CH2 S11 LOG 5 dB/REF -17 dB 5:-24.031 dB



CH1 Markers

- 1:-1.0682 dB
1.36400 GHz
- 2:-1.2890 dB
1.38900 GHz
- 3:-97.731 dB
1.41600 GHz
- 4:-100.68 dB
1.44100 GHz

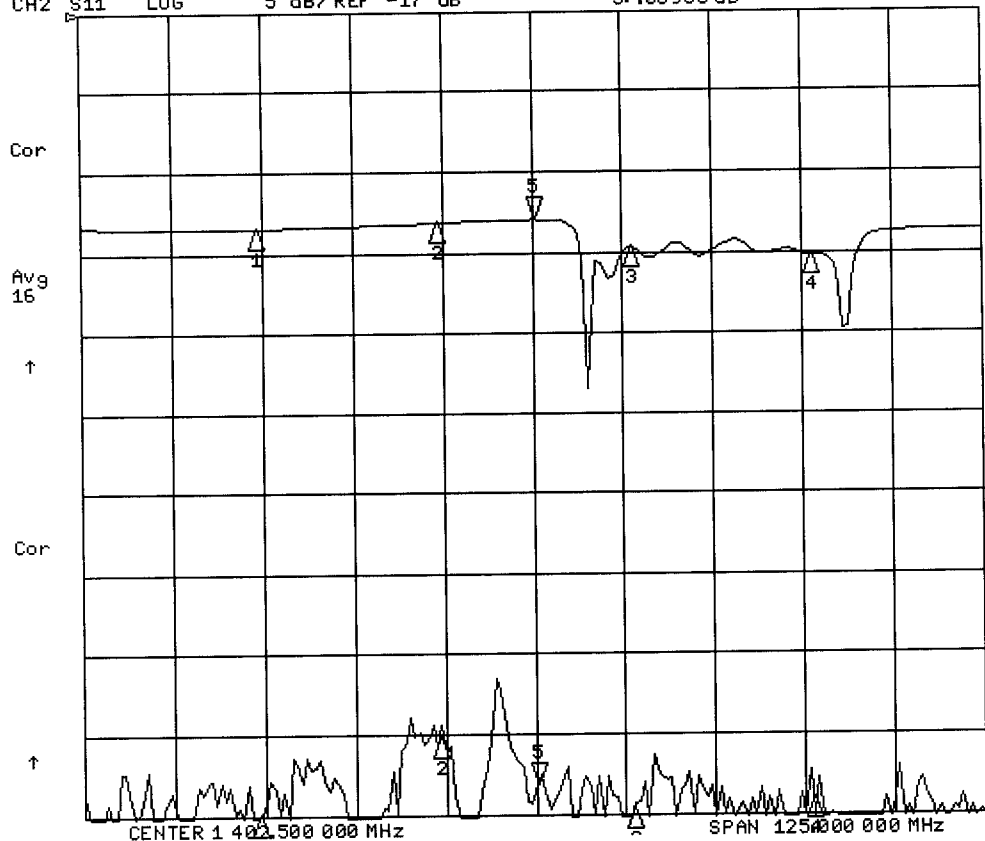
CH2 Markers

- 1:-23.130 dB
1.36400 GHz
- 2:-22.997 dB
1.38900 GHz
- 3:-18.400 dB
1.41600 GHz
- 4:-21.014 dB
1.44100 GHz

21 Apr 2008 07:08:56

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5: -96.148 dB 1 402.500 000 MHz
5: .05950 dB



CH1 Markers

1: -102.39 dB
1.36400 GHz
2: -90.479 dB
1.38900 GHz
3: -103.29 dB
1.41600 GHz
4: -98.698 dB
1.44100 GHz

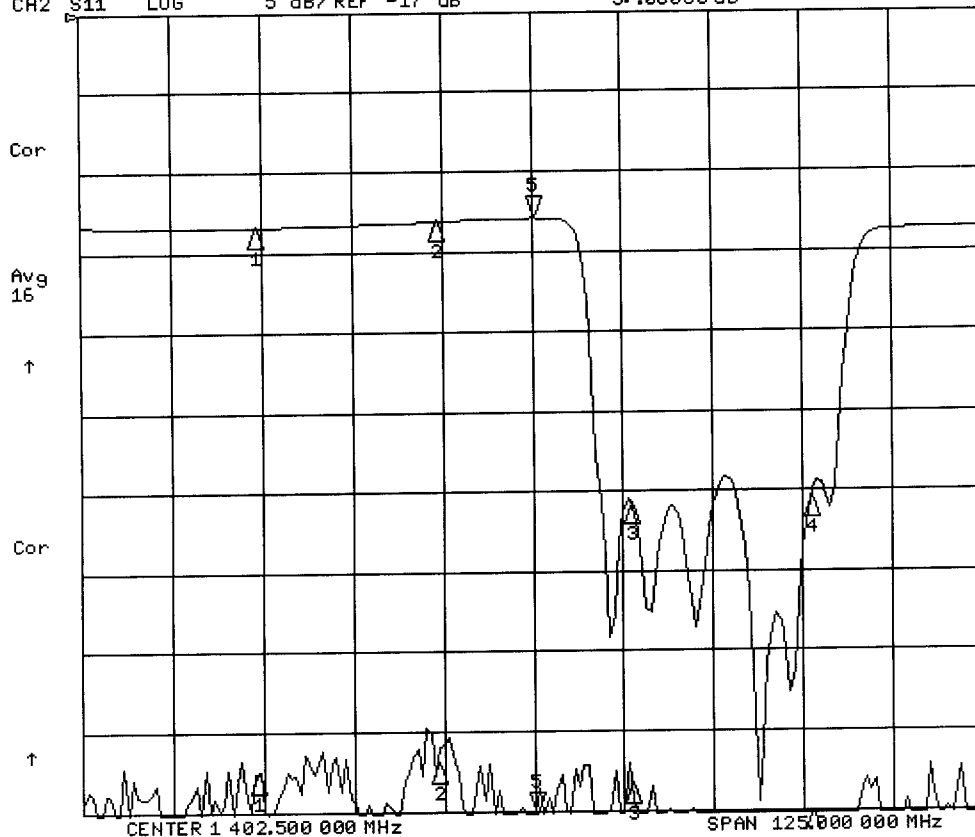
CH2 Markers

1: -.47460 dB
1.36400 GHz
2: -.13760 dB
1.38900 GHz
3: -1.6663 dB
1.41600 GHz
4: -2.2173 dB
1.44100 GHz

21 Apr 2008 07:09:03

CH1 S21 LOG 10 dB/REF 0 dB
CH2 S11 LOG 5 dB/REF -17 dB

5: -103.68 dB 1 402.500 000 MHz
5: .06030 dB



CH1 Markers

1: -95.210 dB
1.36400 GHz
2: -94.115 dB
1.38900 GHz
3: -96.810 dB
1.41600 GHz
4: -102.15 dB
1.44100 GHz

CH2 Markers

1: -.47560 dB
1.36400 GHz
2: -.13840 dB
1.38900 GHz
3: -17.760 dB
1.41600 GHz
4: -17.486 dB
1.44100 GHz