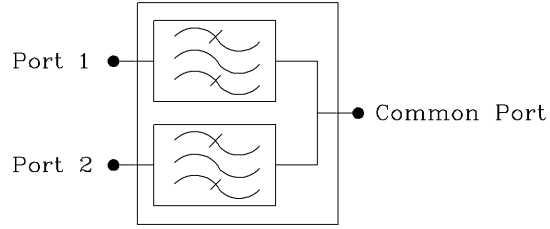
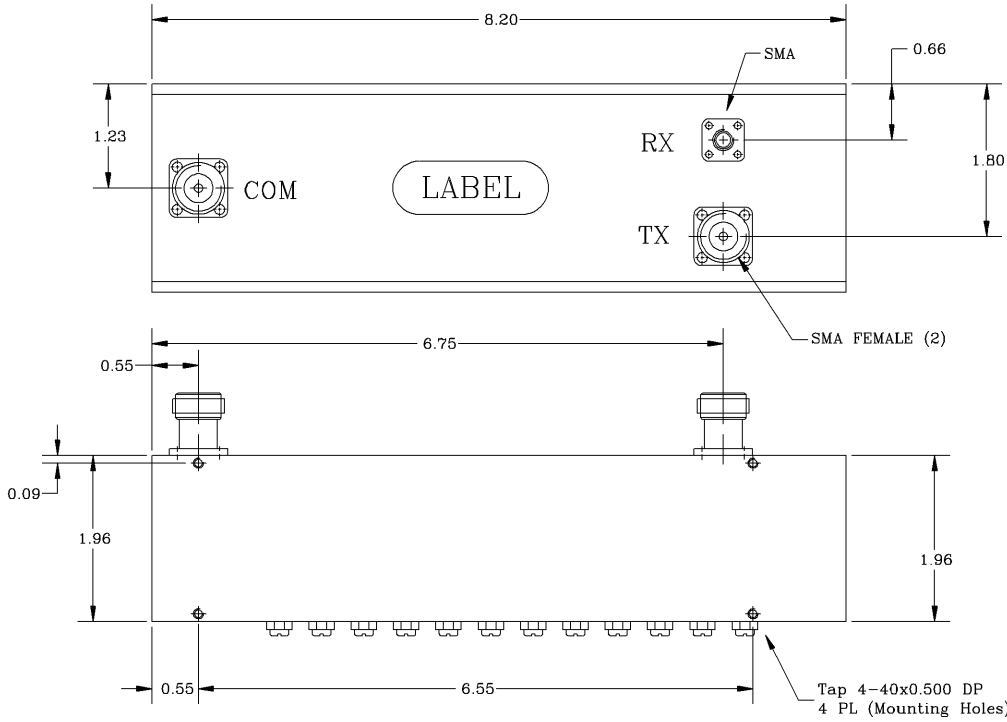


REVISIONS			
REV		DATE	APPROVED



*Electrical Specifications*

- \*Rx Pass Band Frequency Range [MHz] : 1965 to 1980
- \*Pass Band Insertion Loss [dB] : <0.8
- \*Pass Band Ripple [dB] : < 0.4 P-T-P
- \*Rx Attenuation @ DC to -25 MHz from Passband [dB] : 50 (Min.)
- @ Passband + 25 MHz to 2.5 GHz [dB] : 90 (Min.)
- \*Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- \*Rx RF Power Capability CW : 10 Watts
- \*Tx Pass Band Range [MHz] : 2155 to 2170
- \*Pass Band Insertion Loss [dB] : <0.8
- \*Pass Band Ripple [dB] : < 0.4 P-T-P
- \*Tx Attenuation @ DC to -25 MHz from Passband [dB] : 50 (Min.)
- @ Passband + 25 MHz to 2.5 GHz [dB] : 90 (Min.)
- \*Tx RF Power Capability : 70 Watts
- (Composite 4 CDMA Channels per IS95, 3 CDMA Channels ETSI125124 into 3.0:1 load worst case)
- \*Pass Band Return Loss [dB] : -17 (Max.), <1.32:1
- \*Isolation between Filters [dB] : 90 (Min.), 95 (Typ.)
- \*Input/Output Impedance : 50 ohm
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -30°C TO +75°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.  
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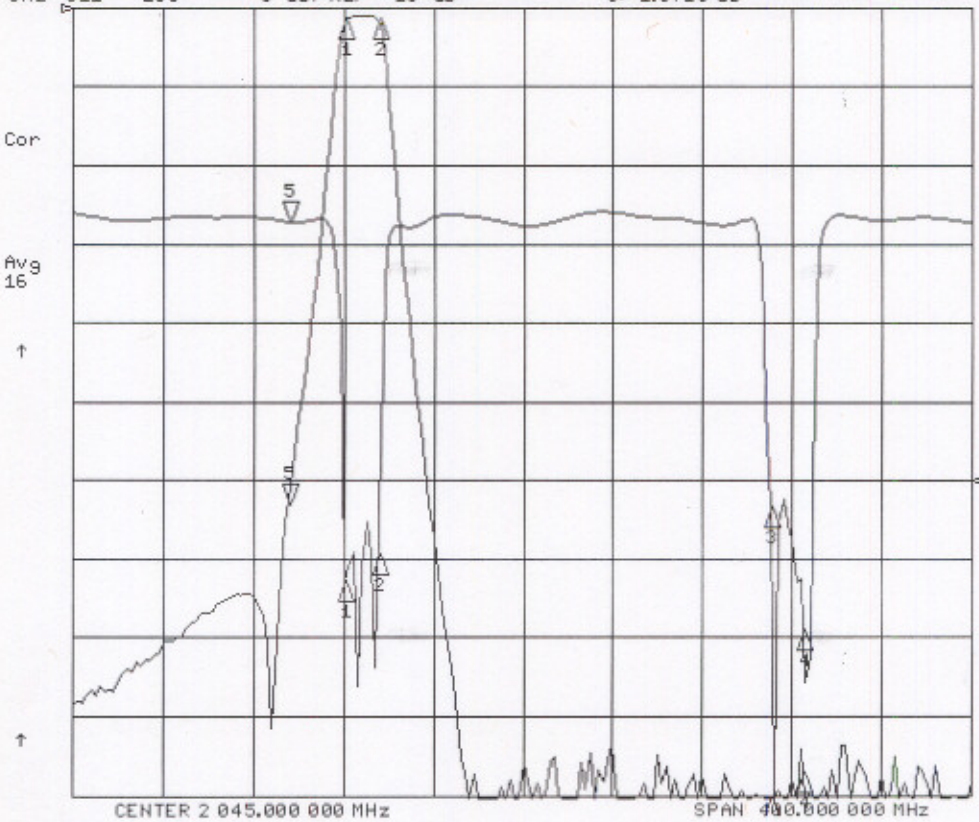
- NOTES:
- BREAK ALL CORNERS & EDGES.005/.010.
  - FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES ± 1° X ± .05 XX ± .01 .XXX ± .003	CONTRACT NO:		<b>G-Way Microwave</b>		
	APPROVALS	DATE			
TREATMENT	CHECKED	DRAWN Sivak	DATE	12/04	CD2067.5/15MK-M5
FINISH 63/	ENG.	DESIGN ACTIVITY	SIZE	A	CAGE CODE 3K1H4
MATERIAL			DWG NO:	CD2067.5/15MK-M5-1	REV. 0
			SCALE	None	SHEET 1 OF 1

CD 20675/15MK-M5

2100D  
U.L

13 Jan 2005 18:46:02  
CH1 S21 LOG 10 dB/REF 0 dB 5:-63.164 dB 1 940.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-1.5718 dB



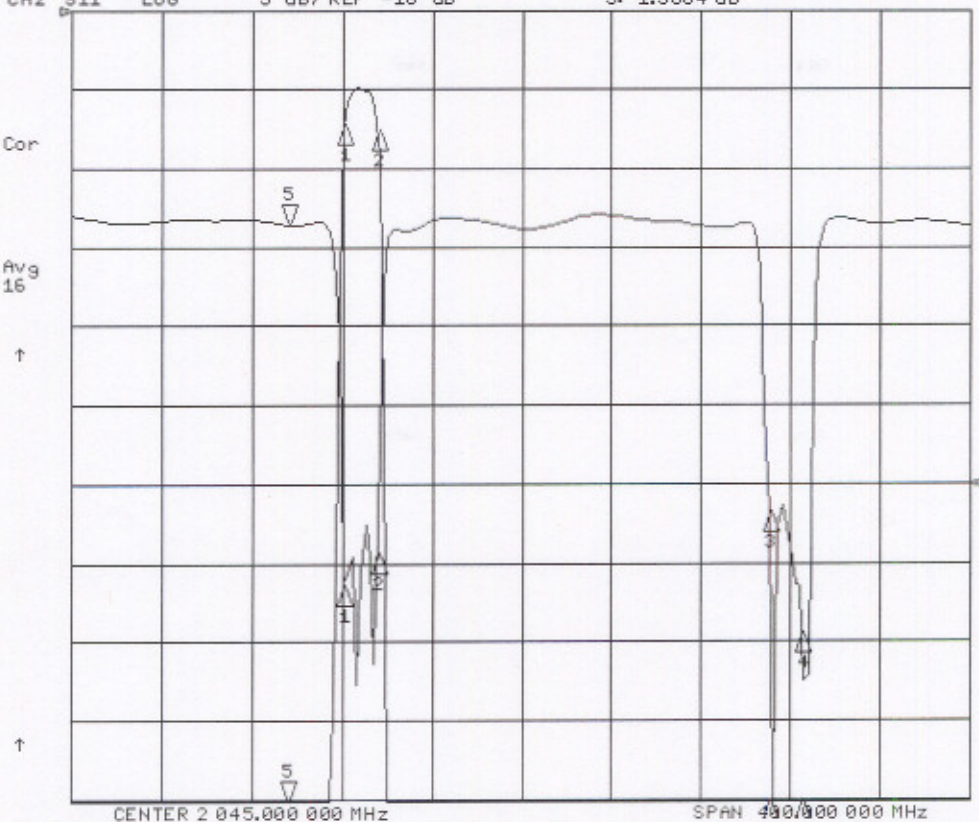
CH1 Markers

- 1:-1.4313 dB  
1.96500 GHz
- 2:-1.5288 dB  
1.98000 GHz
- 3:-103.90 dB  
2.15500 GHz
- 4:-97.488 dB  
2.17000 GHz

CH2 Markers

- 1:-24.421 dB  
1.96500 GHz
- 2:-22.789 dB  
1.98000 GHz
- 3:-19.808 dB  
2.15500 GHz
- 4:-27.573 dB  
2.17000 GHz

13 Jan 2005 18:46:08  
CH1 S21 LOG 1 dB/REF 0 dB 5:-63.194 dB 1 940.000 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-1.5684 dB



CH1 Markers

- 1:-1.4544 dB  
1.96500 GHz
- 2:-1.5194 dB  
1.98000 GHz
- 3:-103.47 dB  
2.15500 GHz
- 4:-100.40 dB  
2.17000 GHz

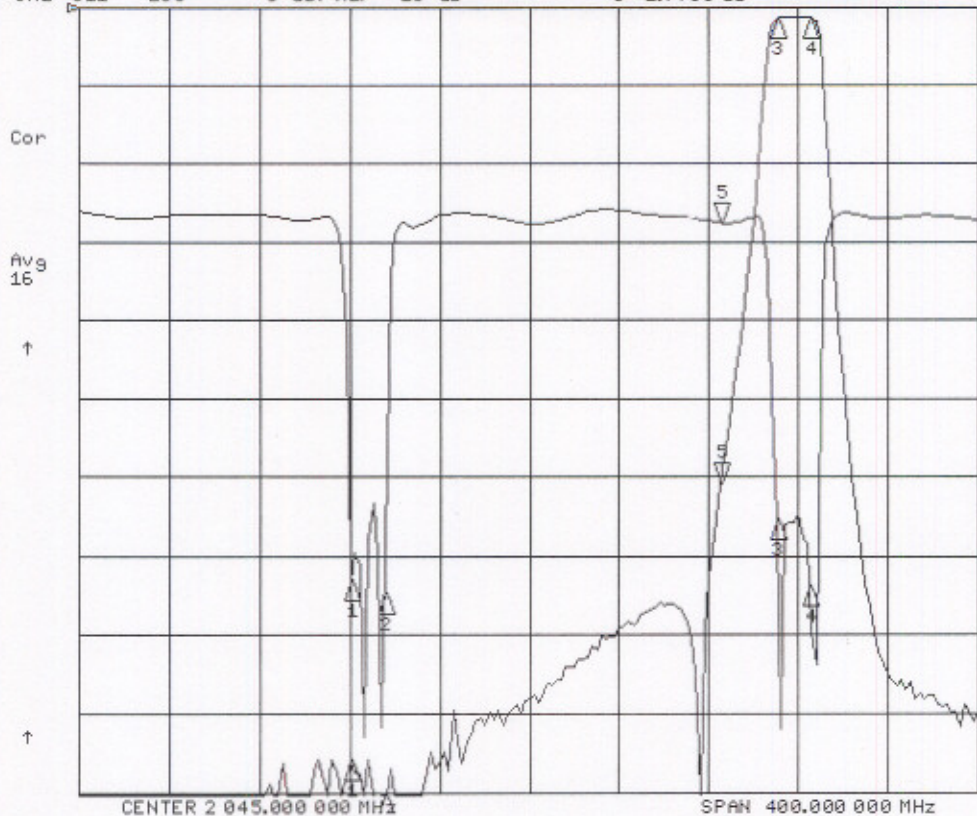
CH2 Markers

- 1:-24.433 dB  
1.96500 GHz
- 2:-22.448 dB  
1.98000 GHz
- 3:-19.757 dB  
2.15500 GHz
- 4:-27.491 dB  
2.17000 GHz

CD2067.5/15MK-M5

13 Jan 2005 18:46:46  
[CH1] S21 LOG 10 dB/REF 0 dB 5:-60.922 dB 2 130.000 000 MHz  
[CH2] S11 LOG 5 dB/REF -18 dB 5:-1.7706 dB

2100D DL



13 Jan 2005 18:46:49  
[CH1] S21 LOG 1 dB/REF 0 dB 5:-60.897 dB 2 130.000 000 MHz  
[CH2] S11 LOG 5 dB/REF -18 dB 5:-1.7658 dB

