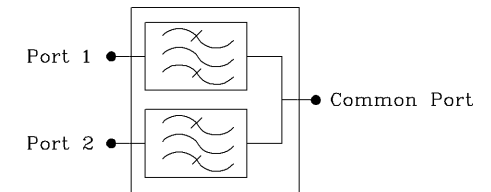
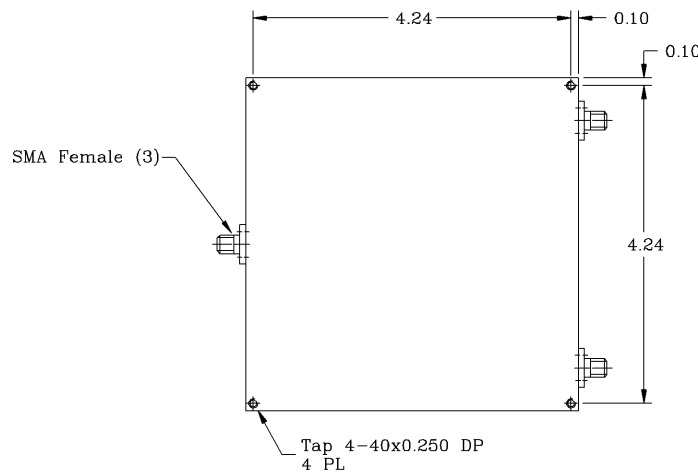
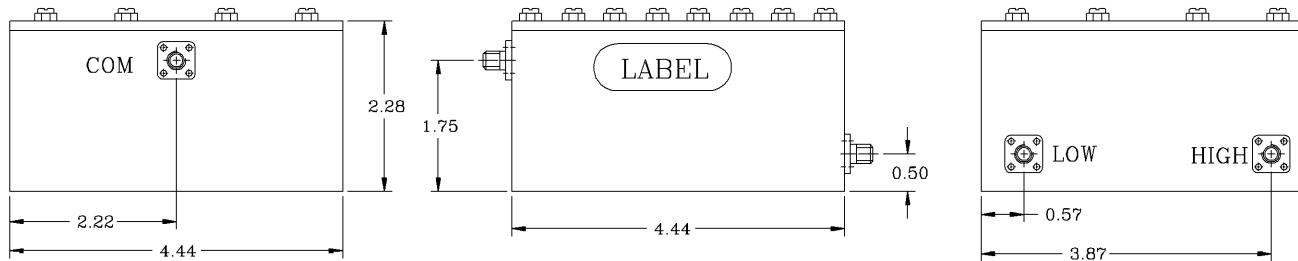


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low Pass Band Range [MHz] : 746 to 757
- *High Pass Band Range [MHz] : 776 to 787
- *Pass Band Insertion Loss @ Fo [dB] : <1.6, 1.4 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Band Rejection @ 776 to 787 MHz [dB] : 98 (Min.), 100 (Typ.)
- @ 742 & 761 MHz [dB] : 25 (Min.), 30 (Typ.)
- *High Band Rejection @ 746 to 757 MHz [dB] : 98 (Min.), 100 (Typ.)
- @ 772 & 791 MHz [dB] : 25 (Min.), 30 (Typ.)
- *Isolation between Filters [dB] : 98 (Min.), 100 (Typ.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 20 Watts
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -30°C TO +75°C

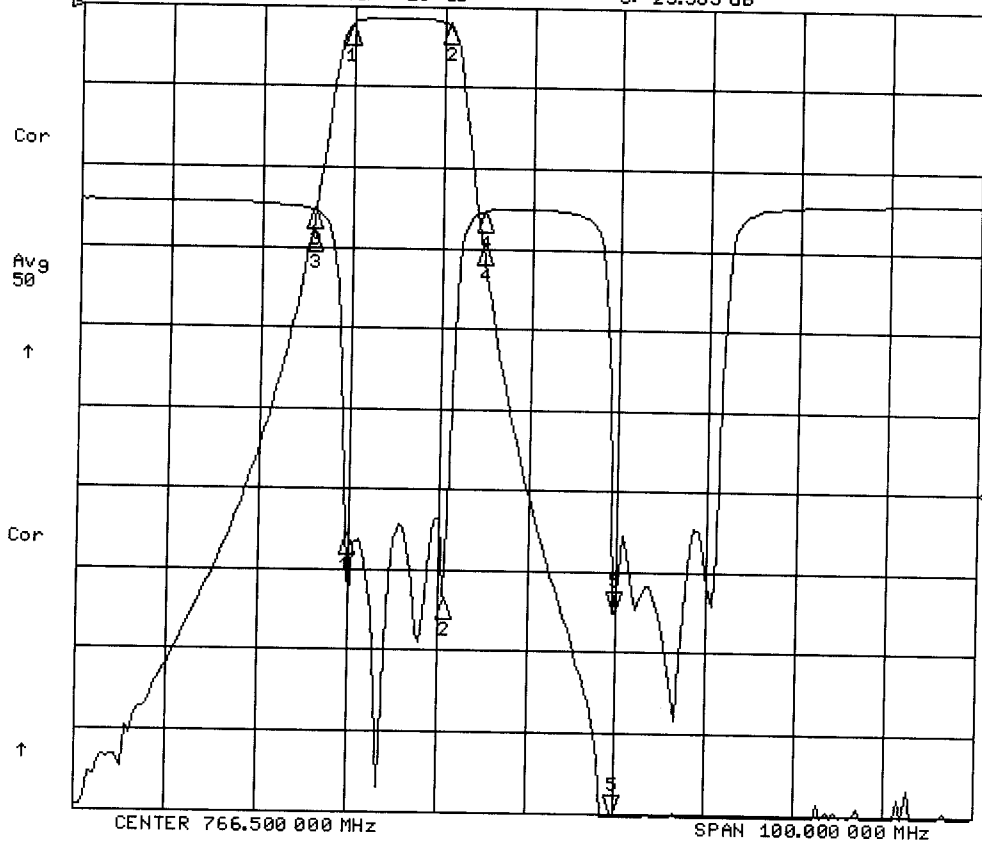
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NOTES:

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES DECIMALS		CONTRACT NO:		G-Way Microwave			
± 1°	X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE				
TREATMENT	FINISH 63/	DRAWN Segal	03/11	LTE UC-Band Diplexer		0	
MATERIAL		CHECKED		CD766.5/LTE-UC/11SK-B1			
		ENG. DESIGN ACTIVITY		SIZE A	CAGE CODE 3K1H4	DWG NO: CD766.5/LTE-UC/11SK-B1	
				SCALE None		SHEET 1 OF 1	

11 Mar 2011 17:20:58
 CH1 S21 LOG 10 dB/REF 0 dB 5:-102.38 dB 776.000 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-25.585 dB



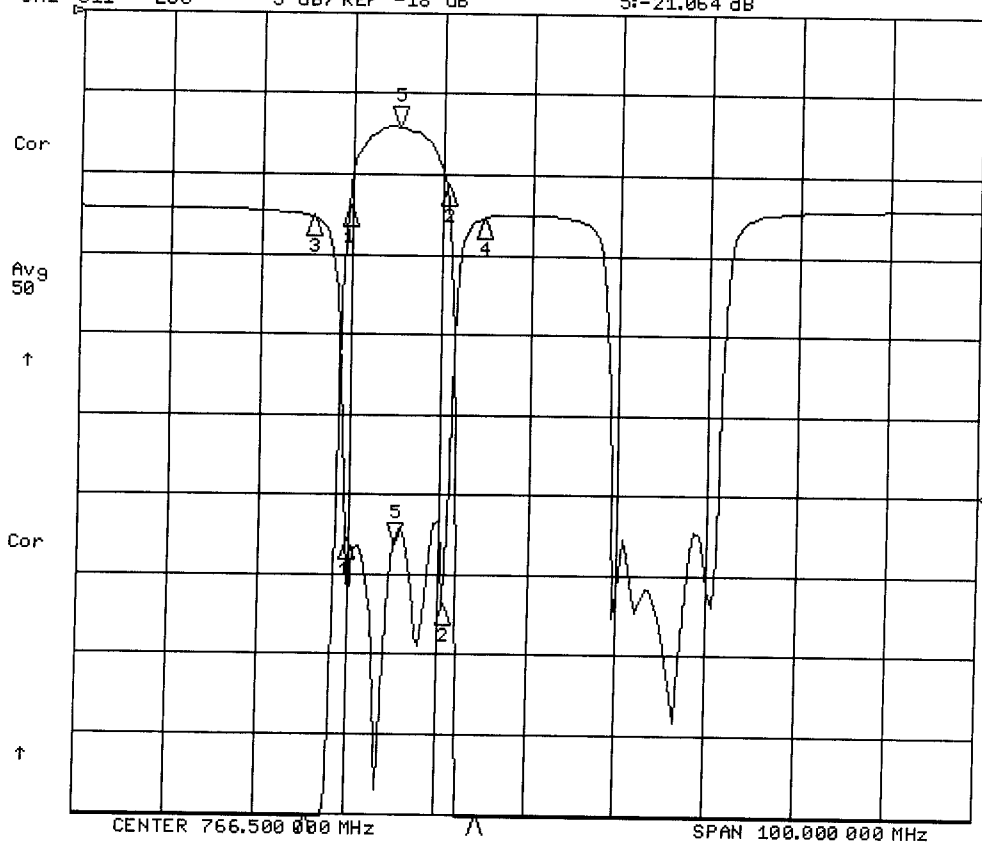
CH1 Markers

- 1:-2.4048 dB
746.000 MHz
- 2:-2.1371 dB
757.000 MHz
- 3:-28.281 dB
742.000 MHz
- 4:-29.627 dB
761.000 MHz

CH2 Markers

- 1:-20.856 dB
746.000 MHz
- 2:-24.885 dB
757.000 MHz
- 3:-64.160 dB
742.000 MHz
- 4:-72.440 dB
761.000 MHz

11 Mar 2011 17:21:13
 CH1 S21 LOG 1 dB/REF 0 dB 5:-1.4130 dB 751.500 000 MHz
 CH2 S11 LOG 5 dB/REF -18 dB 5:-21.064 dB



CH1 Markers

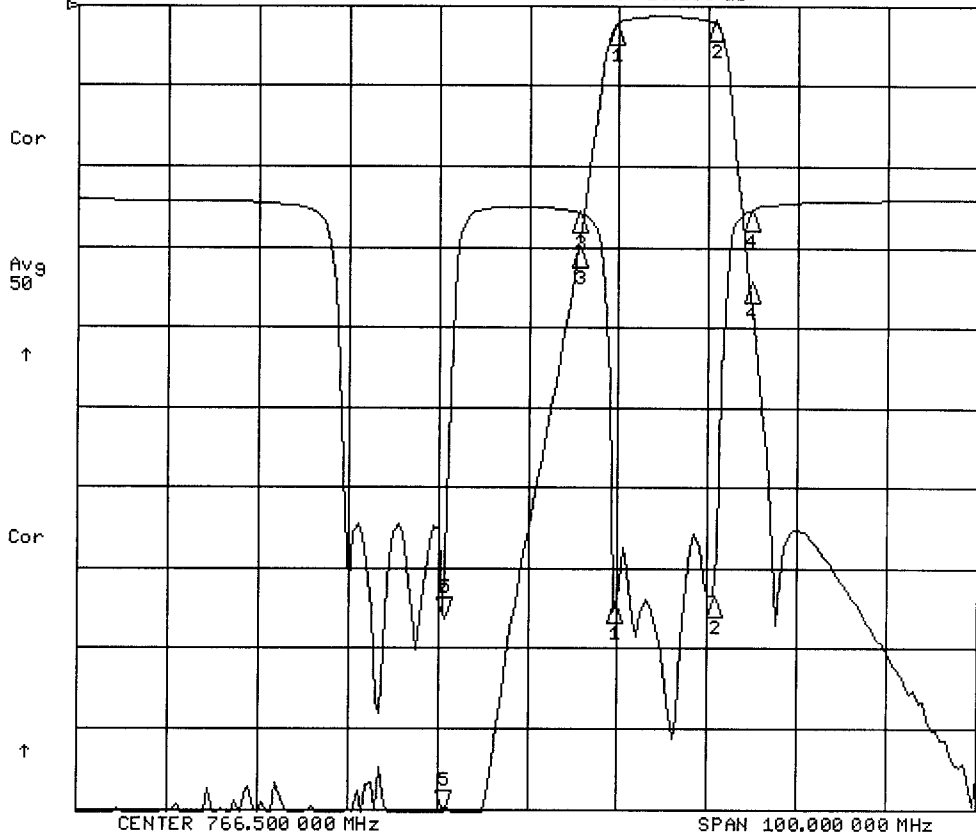
- 1:-2.4036 dB
746.000 MHz
- 2:-2.1427 dB
757.000 MHz
- 3:-28.277 dB
742.000 MHz
- 4:-29.626 dB
761.000 MHz

CH2 Markers

- 1:-20.859 dB
746.000 MHz
- 2:-24.894 dB
757.000 MHz
- 3:-64.220 dB
742.000 MHz
- 4:-72.030 dB
761.000 MHz

11 Mar 2011 17:19:37

CH1 S21 LOG 10 dB/REF 0 dB 5:-102.49 dB 757.000 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-26.156 dB



CH1 Markers

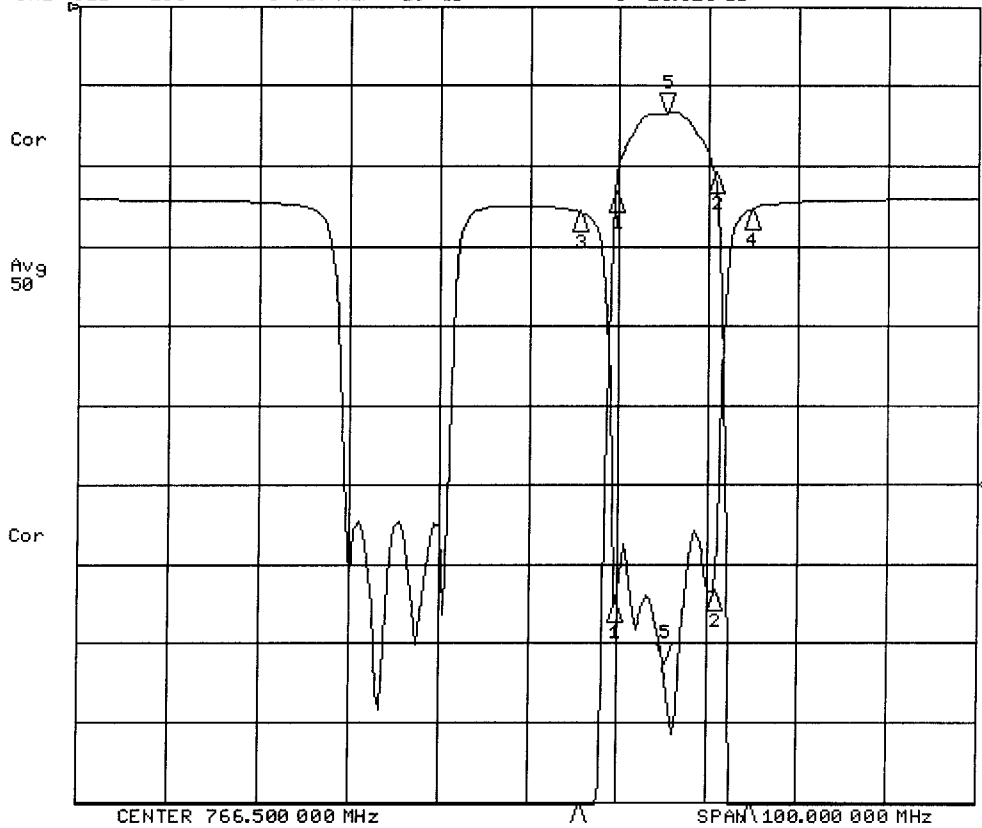
- 1:-2.3415 dB
776.000 MHz
- 2:-2.0858 dB
787.000 MHz
- 3:-30.080 dB
772.000 MHz
- 4:-34.378 dB
791.000 MHz

CH2 Markers

- 1:-25.241 dB
776.000 MHz
- 2:-24.835 dB
787.000 MHz
- 3:-.87060 dB
772.000 MHz
- 4:-.71160 dB
791.000 MHz

11 Mar 2011 17:19:54

CH1 S21 LOG 1 dB/REF 0 dB 5:-1.3451 dB 781.500 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-29.313 dB



CH1 Markers

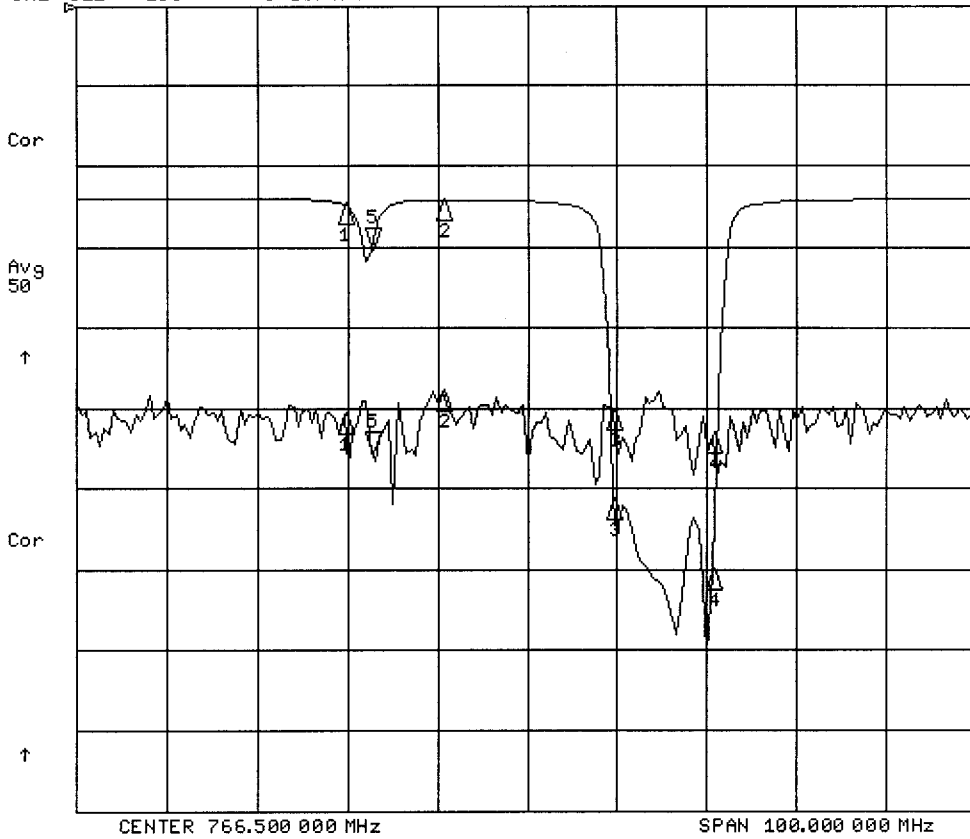
- 1:-2.3395 dB
776.000 MHz
- 2:-2.0844 dB
787.000 MHz
- 3:-30.075 dB
772.000 MHz
- 4:-34.391 dB
791.000 MHz

CH2 Markers

- 1:-25.461 dB
776.000 MHz
- 2:-24.689 dB
787.000 MHz
- 3:-.86620 dB
772.000 MHz
- 4:-.70830 dB
791.000 MHz

11 Mar 2011 17:24:46

CH1 S21 LOG 20 dB/REF 0 dB 5:-111.09 dB 749.030 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-3.1676 dB



CH1 Markers

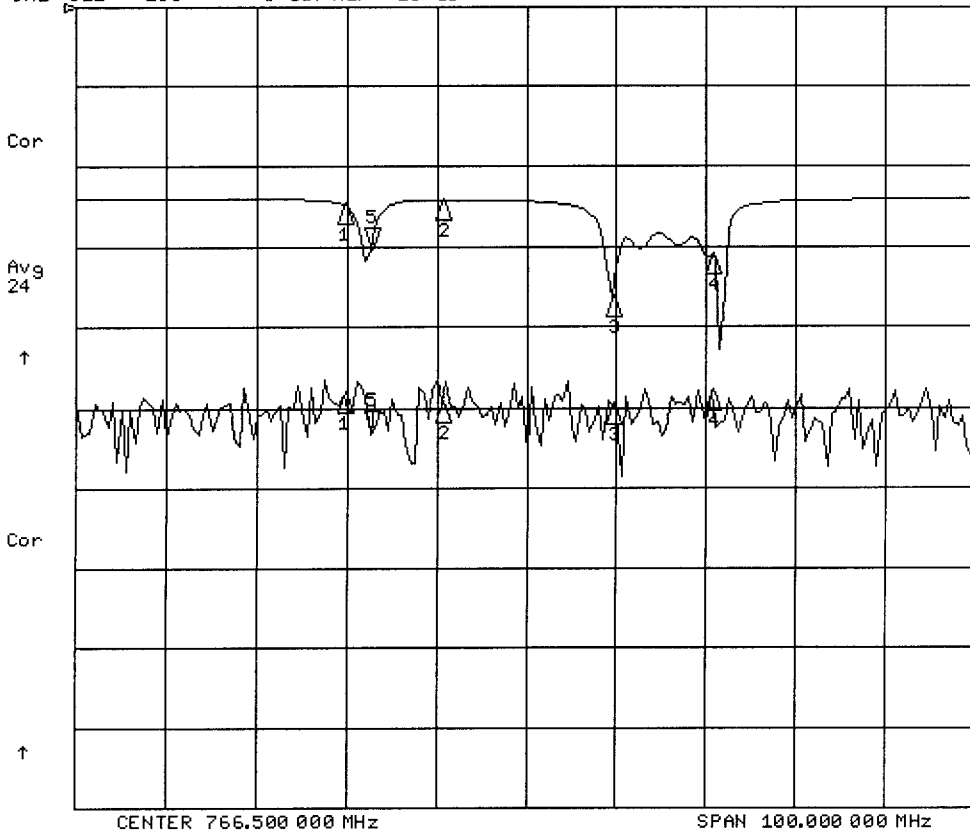
- 1:-101.41 dB
746.000 MHz
- 2:-95.794 dB
757.000 MHz
- 3:-100.59 dB
776.000 MHz
- 4:-106.24 dB
787.000 MHz

CH2 Markers

- 1:-.41370 dB
746.000 MHz
- 2:-.12220 dB
757.000 MHz
- 3:-18.713 dB
776.000 MHz
- 4:-22.995 dB
787.000 MHz

11 Mar 2011 17:24:52

CH1 S21 LOG 20 dB/REF 0 dB 5:-106.07 dB 749.030 000 MHz
CH2 S11 LOG 5 dB/REF -18 dB 5:-3.1837 dB



CH1 Markers

- 1:-96.250 dB
746.000 MHz
- 2:-98.588 dB
757.000 MHz
- 3:-99.354 dB
776.000 MHz
- 4:-95.998 dB
787.000 MHz

CH2 Markers

- 1:-.41920 dB
746.000 MHz
- 2:-.12280 dB
757.000 MHz
- 3:-6.1328 dB
776.000 MHz
- 4:-3.5760 dB
787.000 MHz