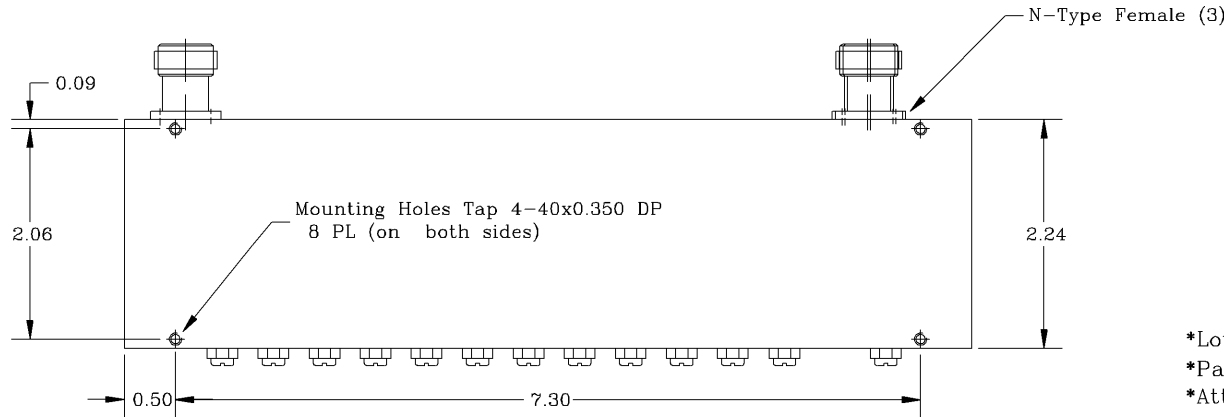
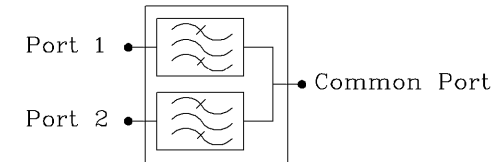
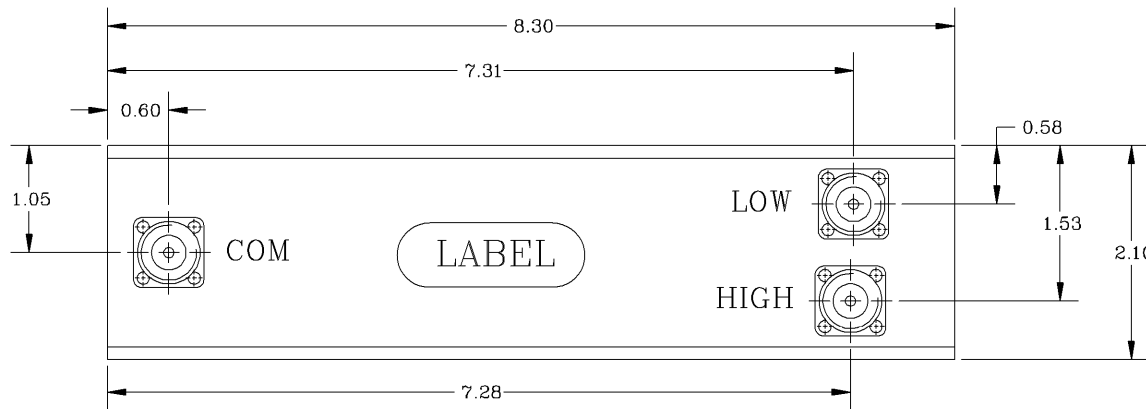


REVISIONS			
REV		DATE	APPROVED



### Electrical Specifications

- \*Low Pass Band Range [MHz] : 902 to 928
- \*Pass Band Insertion Loss [dB] : <1.2, 1.0 (Typ.)
- \*Attenuation @ 944 to 952 MHz [dB] : 80 (Min.), 85 (Typ.)
- \*High Pass Band Range [MHz] : 944 to 952
- \*Pass Band Insertion Loss [dB] : <1.5, 1.4 (Typ.)
- \*Attenuation @ 902 to 928 MHz [dB] : 80 (Min.), 85 (Typ.)
- \*Pass Band Ripple [dB] : 0.5 P-T-P
- \*Ultimate Stop Band Attenuation [dB] : 100 (Min.)
- \*Isolation between filters [dB] : 80 (Min.), 85 (Typ.)
- \*Pass Band Return Loss [dB] : -18 (Max.), <1.3:1
- \*Input/Output Impedance : 50 ohm
- \*RF Power Capability CW : 10 W
- \*Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -20°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. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

#### NOTES:

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

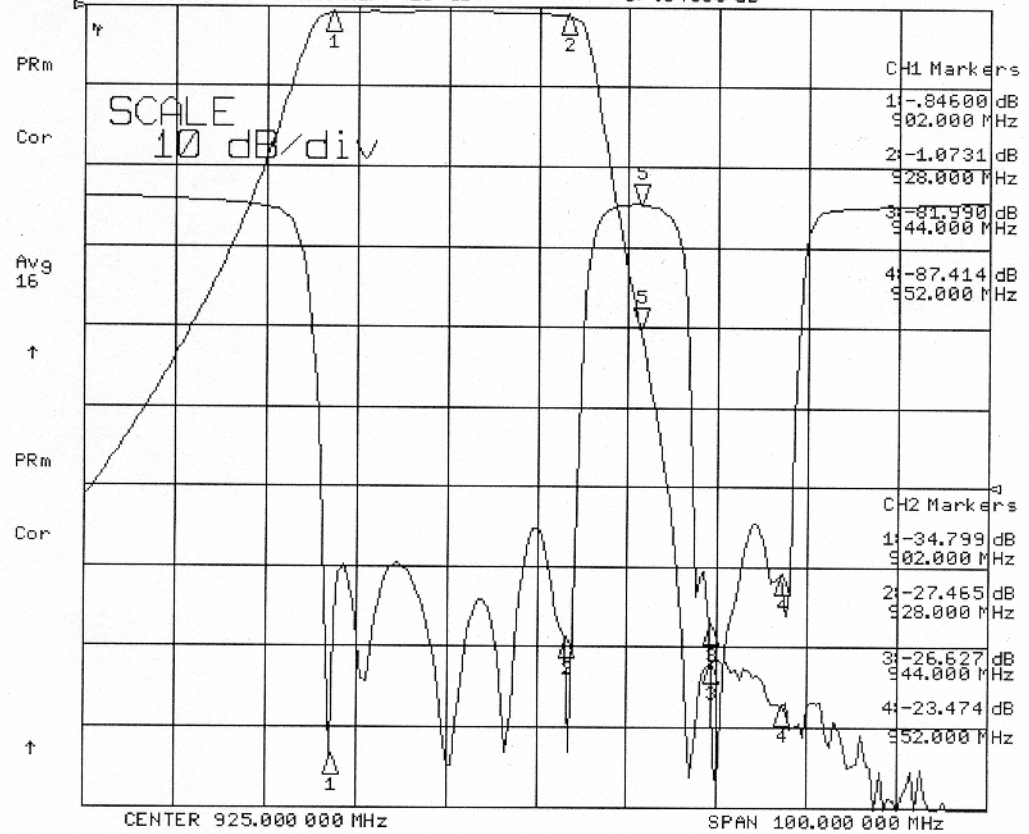
DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE Diplexer 900 MHz			
± 1°	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	08/03	CD936/26SK-E3			
TREATMENT	CHECKED	ENG.	DESIGN ACTIVITY	SIZE	CAGE CODE	DWG NO:	REV.
FINISH 63/				A	3K1H4	CD936/26SK-E3-1	A
MATERIAL AL6061-T6				SCALE None			SHEET 1 OF 1

CD936/26SK-E3

Low

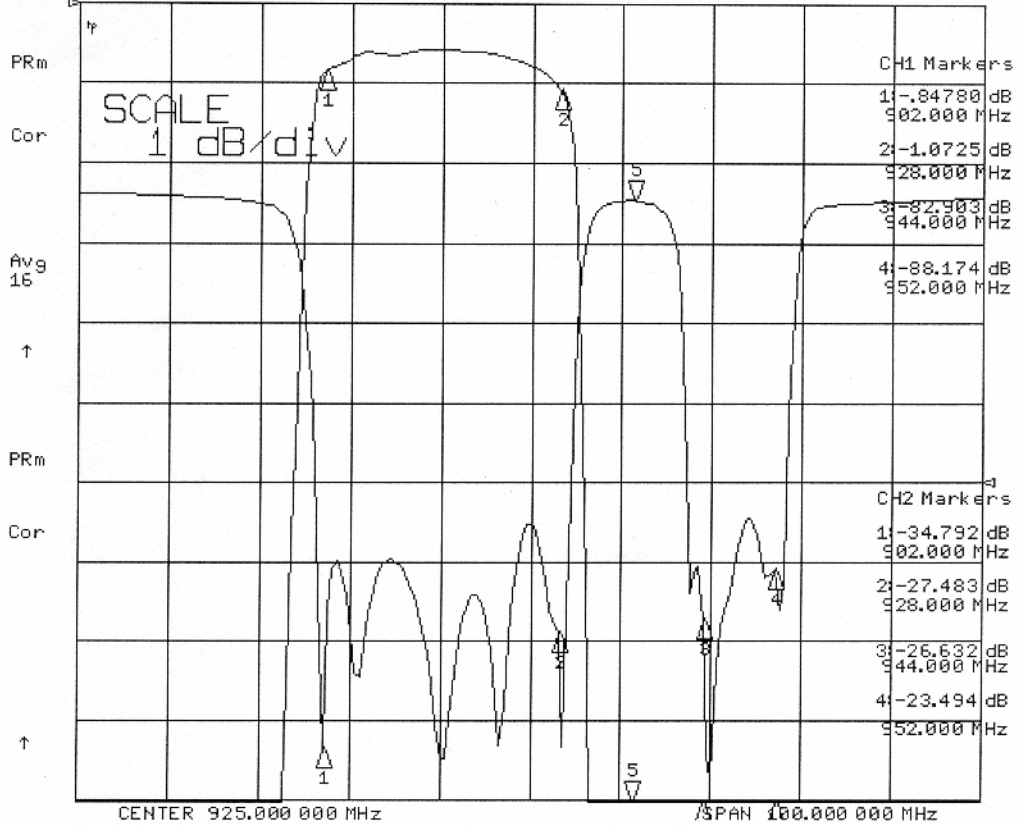
7 Aug 2003 09:02:13

CH1 S21 LOG 10 dB/REF 0 dB 5:-40.280 dB 936.250 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-34630 dB



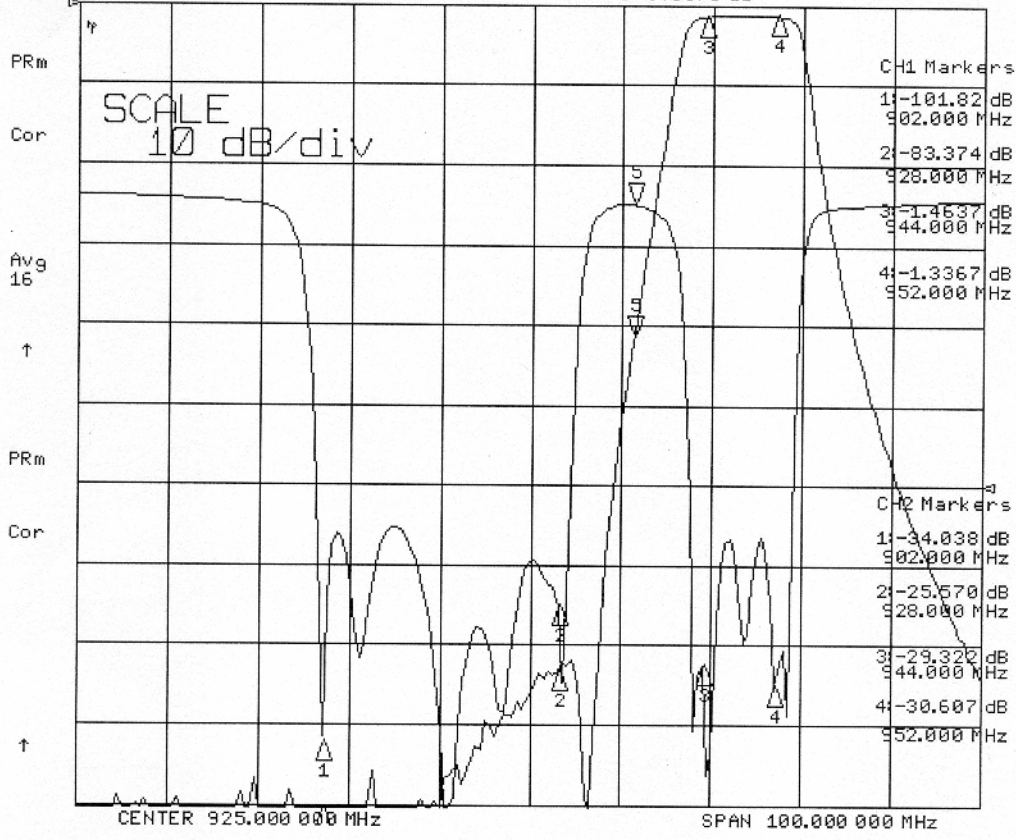
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CH1 S21 LOG 1 dB/REF 0 dB 5:-40.288 dB 936.250 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-34660 dB

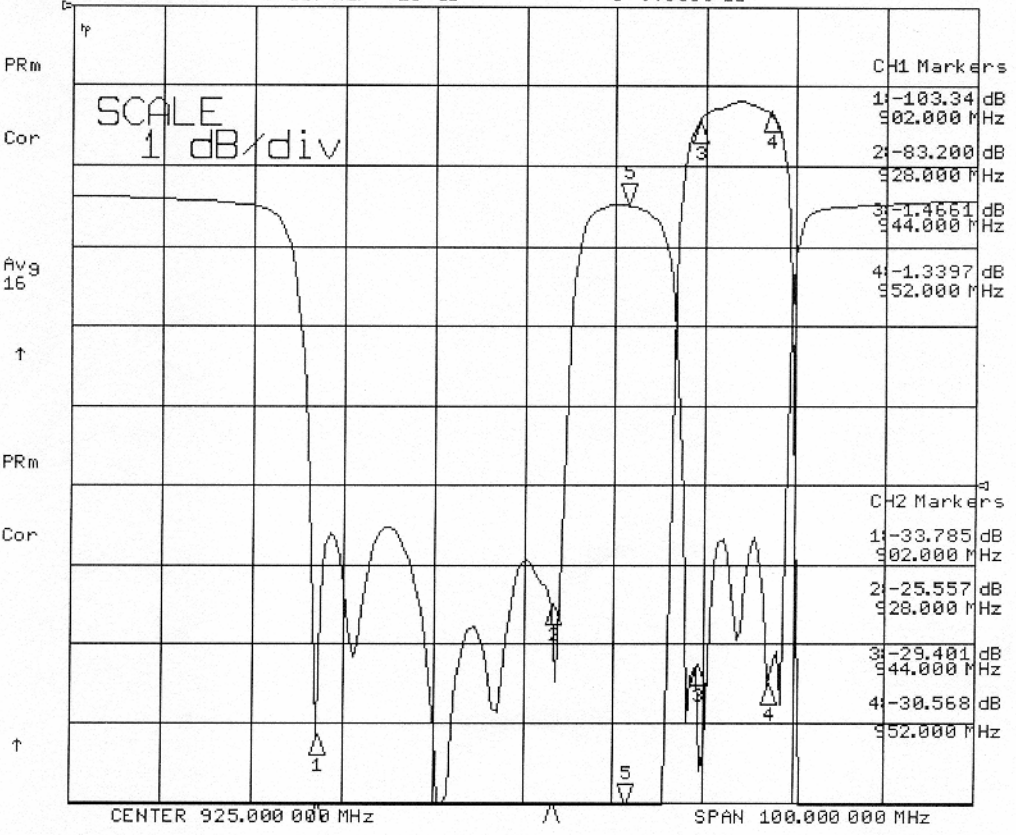


CD936/26SK-E3  
High.

7 Aug 2003 09:57:07  
CH1 S21 LOG 10 dB/REF 0 dB 5:-41.401 dB 936.250 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.45070 dB

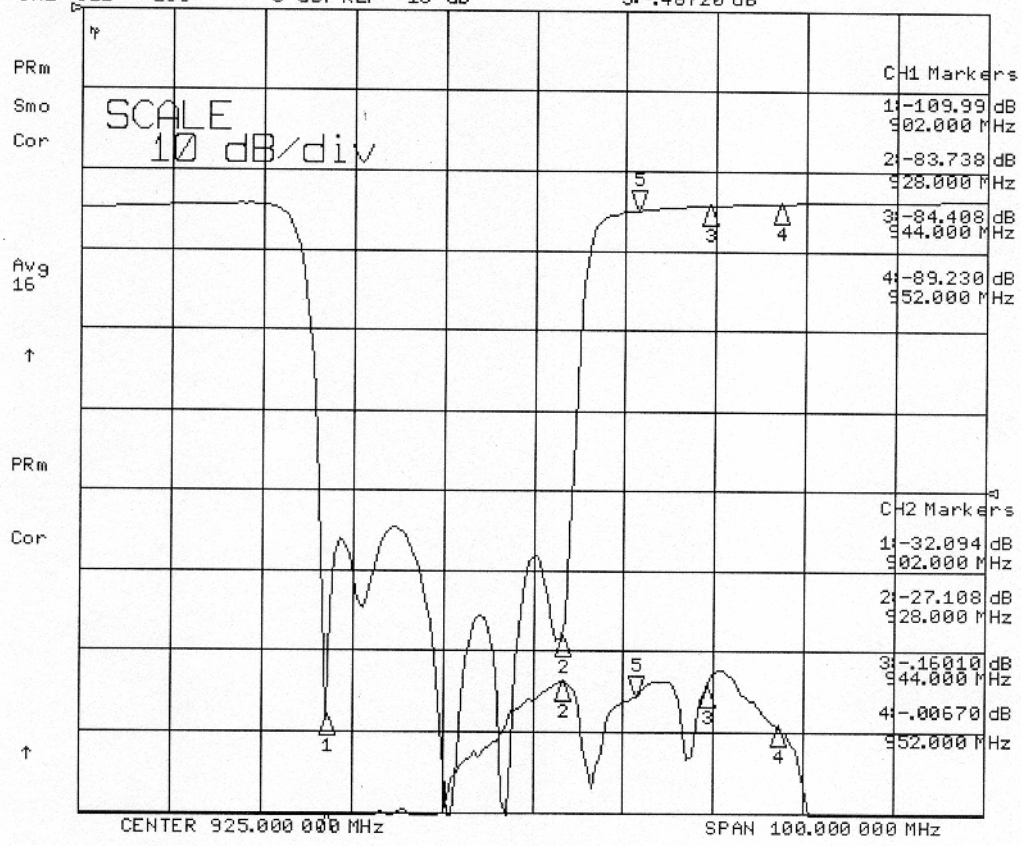


7 Aug 2003 09:57:11  
CH1 S21 LOG 1 dB/REF 0 dB 5:-41.384 dB 936.250 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5:-.45600 dB



7 Aug 2003 09:57:37  
 CH1 S21 LOG 10 dB/REF 0 dB 5:-85.598 dB 936.250 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.48720 dB

CD936/26SK-E  
 Isolation



COM → 50-Ω

7 Aug 2003 09:57:42  
 CH1 S21 LOG 10 dB/REF 0 dB 5:-68.224 dB 936.250 000 MHz  
 CH2 S11 LOG 5 dB/REF -18 dB 5:-.48800 dB

COM - OPEN

