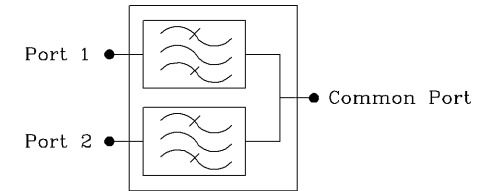
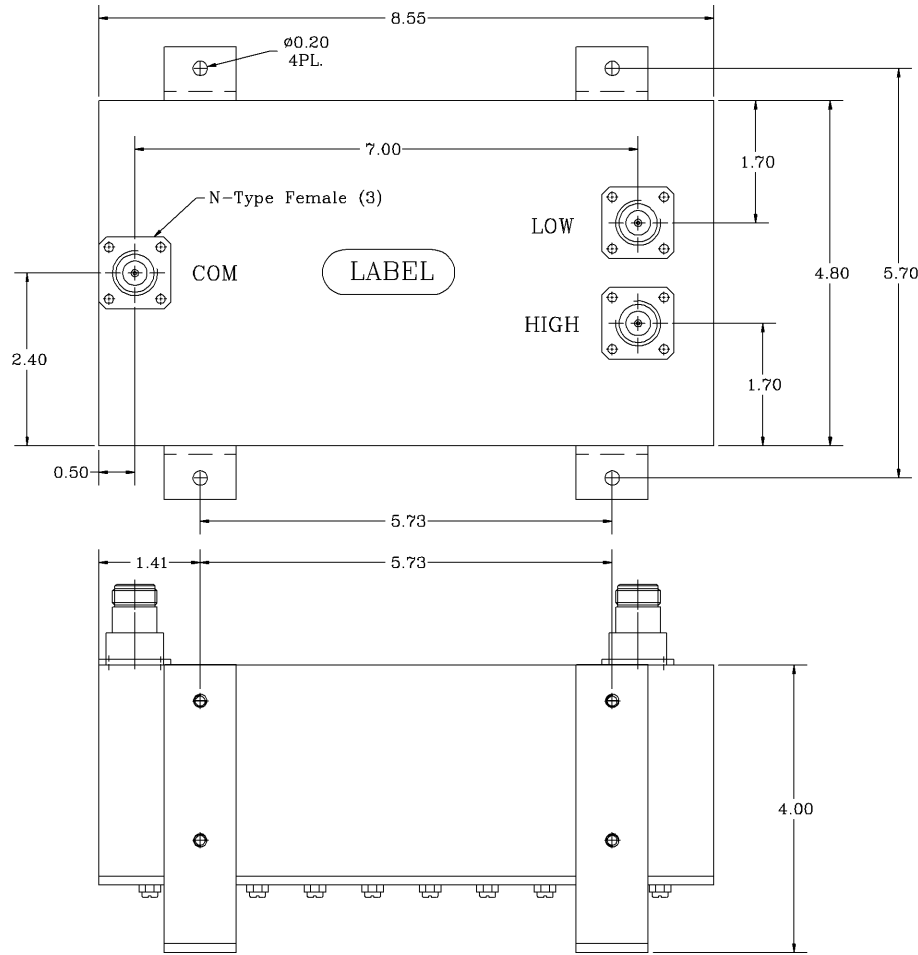


REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *Low Pass Band Range [MHz] : 824 to 849
- *High Pass Band Range [MHz] : 869 to 894
- *Pass Band Insertion Loss [dB] : <0.9, 0.8 (Typ.)
- *Pass Band Ripple [dB] : < 0.5 P-T-P
- *Low Pass Band Atten. @ DC to 821 MHz [dB] : 30 (Min.), 35 (Typ.)
- @ 851 to 860 MHz [dB] : 30 (Min.), 35 (Typ.)
- @ 869 to 894 MHz [dB] : 70 (Min.), 72 (Typ.)
- *High Pass Band Atten. @ DC to 849 MHz [dB] : 70 (Min.)
- @ 860 to 866 MHz [dB] : 30 (Min.), 35 (Typ.)
- @ 896 to 960 MHz [dB] : 30 (Min.), 35 (Typ.)
- @ 960 to 2100 MHz [dB] : 50 (Min.), 60 (Typ.)
- *Isolation between filters [dB] : 70 (Min.), 75 (Typ.)
- *Ultimate Stop Band Atten. up to 2 GHz [dB] : 100 (Min.)
- *Pass Band Return Loss [dB] : -18 (Max.), <1.28:1
- *Input/Output Impedance : 50 ohm
- *IM Products, IM3 @ 2 x +33 dBm [dBc] : -143 (Min.)
- *IM Products, IM3 @ 2 x +43 dBm [dBc] : -133 (Typ.)
- *RF Power Capability CW : 60 Watts
- PEAK : 600 Watts
- *Input/Output @ DC Ground Potential

NOTES:

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

SKU # 98021080

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 1996.

DIMENSIONS ARE IN INCHES		CONTRACT NO:		<h3 style="text-align: center;">G-Way Microwave</h3>	
TOLEANCES ARE	DECIMALS	APPROVALS	DATE		
ANGLES	± 1°	X ± .05			Diplexer Cell AB
		XX ± .01	DRAWN Sivak	02/10	CD859/25SK-D3
TREATMENT		CHECKED			SIZE
FINISH	63/	ENG.			CAGE CODE
		DESIGN ACTIVITY			DWG NO:
MATERIAL	AL6061-T6				CD859/25SK-D3-1
		SCALE	None		REV. A
					SHEET 1 OF 1