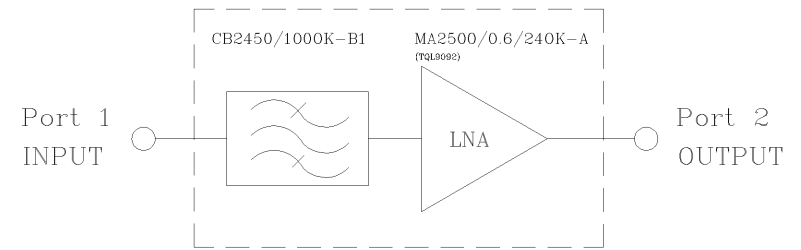
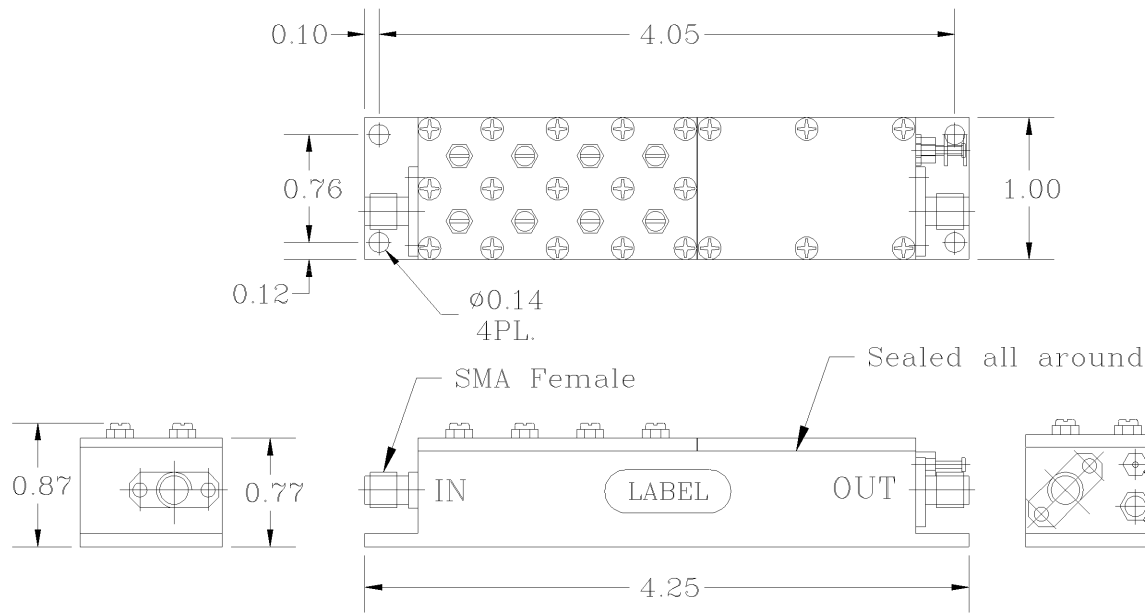


REVISIONS			
REV		DATE	APPROVED
A	Specs modified to reflect actual performance.	01/15/17	TB



Electrical Specifications

*Frequency Range [MHz]	: 2400 - 2500
*Gain [dB]	: 21 ± 1
*Gain Flatness [dB]	: +/- 0.5
*Rejection @ DC to 2180 MHz [dBc]	: -80 (Min.), -90 (Typ.)
@ 2180 to 2240 MHz [dBc]	: -60 (Min.)
@ 2240 to 2340 MHz [dBc]	: -30 (Min.)
@ 2540 to 2640 MHz [dBc]	: -30 (Min.)
@ 2640 to 5800 MHz [dBc]	: -70 (Min.)
@ 5800 to 6000 MHz [dBc]	: -80 (Min.), -90 (Typ.)
*Noise Figure @ Fc [dB]	: < 2.3, 2.1 (Typ.)
*Power Output @ 1 dB Compression [dBm]	: +17 (Typ.)
*3rd Order Output Intercept Point [dBm]	: +30 (Typ.)
@ 2 tones + 5 dBm each	
*Input/Output Impedance	: 50 ohm
*Maximum Input Power with no Damage [dBm]	: +20
*Return Loss IN/OUT [dB]	: < 1.5:1
*Power Supply [V/Amp]	: 15V-DC/.065Amp

Estimated weight: 0.32lb / 0.144kg
Environmentally Sealed

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:

- Standard Finish: Alodine per MIL-C-5541 Class I
- Optional: Flat Epoxy Gray

OPERATING TEMPERATURE RANGE: -35°C TO +85°C

DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS		CONTRACT NO:		G-Way Microwave			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	.X ± .05 .XX ± .01 .XXX ± .003			Filter + LNA Front End			
TREATMENT		DRAWN Sivak	12/16	CBMA2440/2.5/250K-B1			
FINISH	63/	CHECKED		SIZE	CAGE CODE	DWG NO:	REV.
		ENG.		A	3K1H4	CBMA2440/2.5/250K-B1-1	A
MATERIAL		DESIGN ACTIVITY		SCALE	None		SHEET 1 OF 1