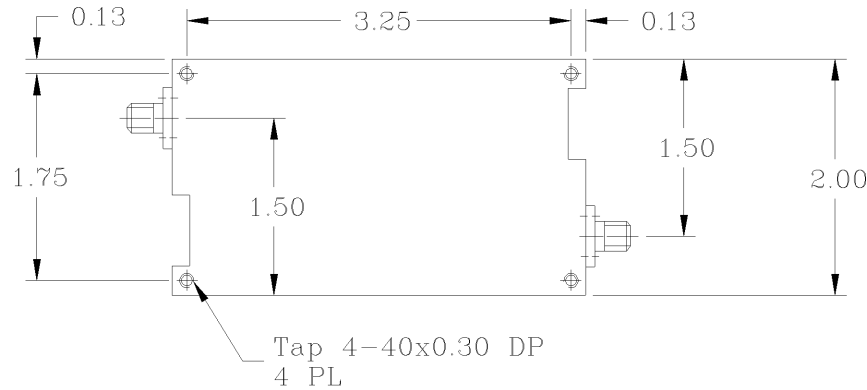
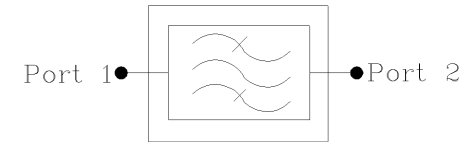


REVISIONS			
REV		DATE	APPROVED
A	Temperature range revised	02/13	Liviu



\*Net Weight : < 0.290 kg/0.64 lb

### Electrical Specifications

*Pass Band Range [MHz]	: 935 to 960
*Pass Band Insertion Loss @ Fo [dB]	: <1.2, 1.0 (Typ.)
*Pass Band Ripple [dB]	: <0.5 P-T-P
*Rejection DC to 915 MHz [dB]	: 45 (Min.), 50 (Typ.)
@ 2100 to 2300 MHz [dB]	: 60 (Min.), 65 (Typ.)
*Pass Band Return Loss [dB]	: -18 (Max.), <1.28:1
*Input/Output Impedance	: 50 ohm
*RF Power Capability CW	: 80 Watts
*Input/Output @ DC Ground Potential	
*Net Weight	: 0.275 kg/0.6 lb

OPERATING TEMPERATURE RANGE: -10°C TO +70°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:

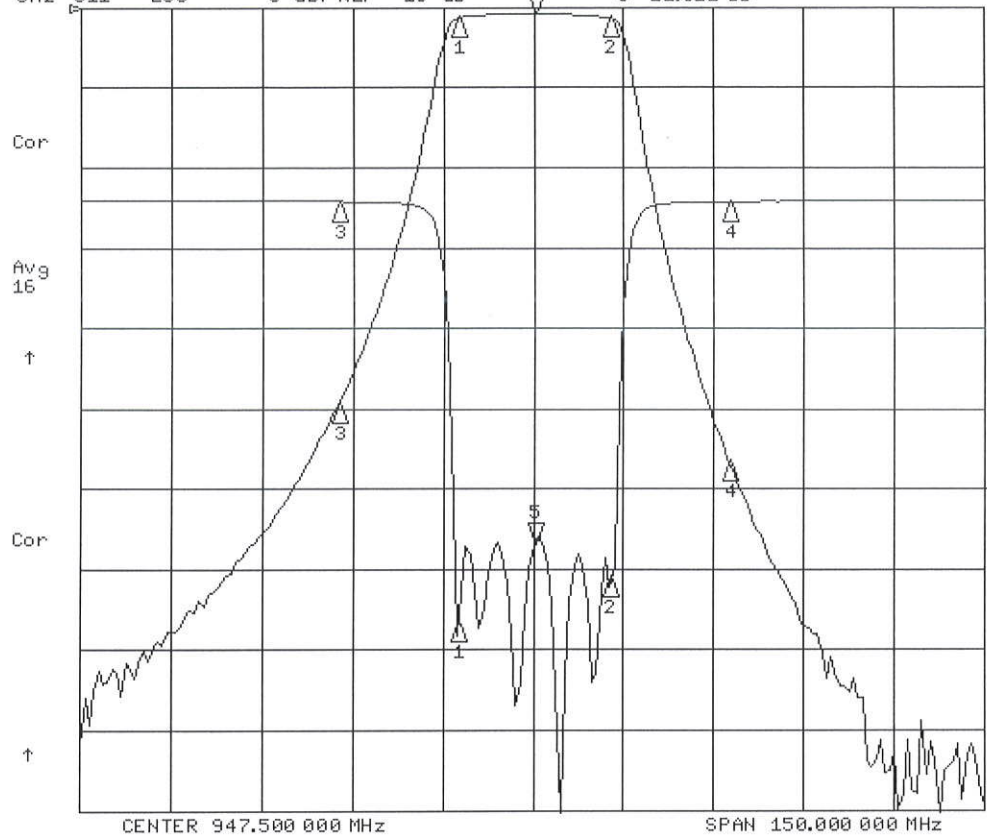
- BREAK ALL CORNERS & EDGES.005/.010.
- FINAL FINISH:  
EPOXY GRAY - OPTIONAL

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		<b>G-Way Microwave</b>			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Segal	02/13	Band Pass Filter			
TREATMENT	CHECKED			CB947.5/25MK-B3S			
FINISH	63/	ENG.		SIZE	CAGE CODE	DWG NO:	REV.
MATERIAL		DESIGN ACTIVITY		A	3K1H4	CB947.5/25MK-B3S-1	A
				SCALE	None		SHEET 1 OF 1

CB947.5/25MK-B3S

9 May 2013 09:10:45

CH1 S21 LOG 10 dB/REF 0 dB 5 -0.81200 dB 947.500 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5 -21.512 dB



CH1 Markers

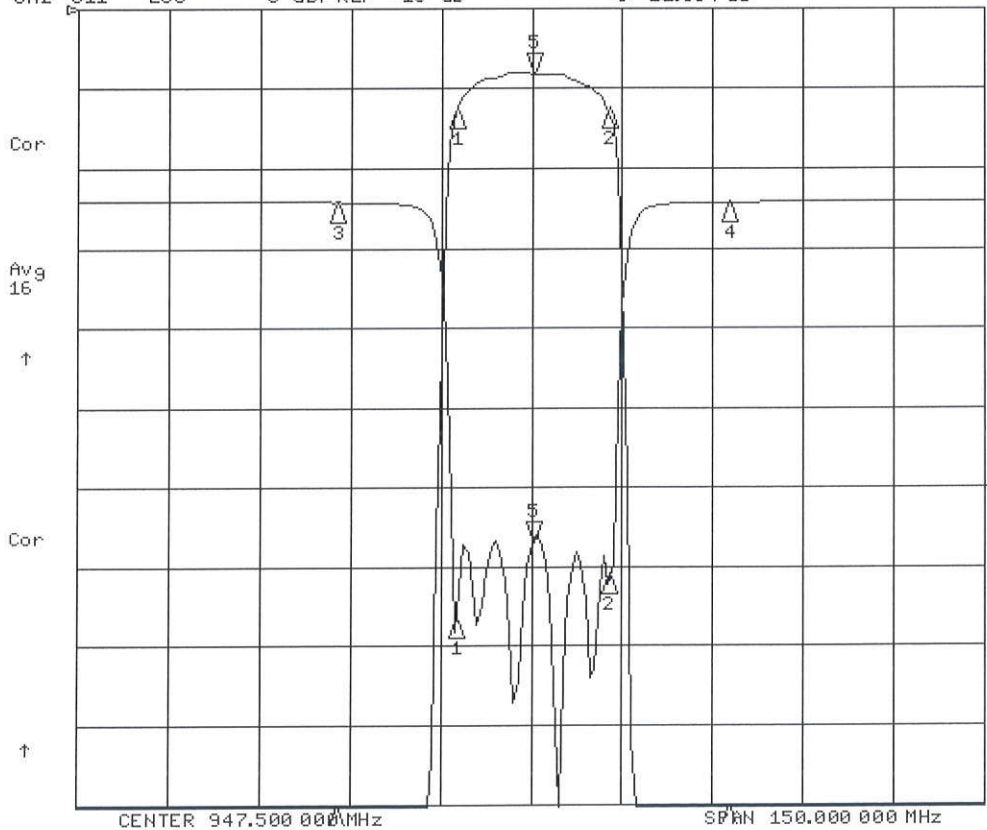
1:-1.2564 dB  
935.000 MHz  
2:-1.2546 dB  
960.000 MHz  
3:-49.421 dB  
915.000 MHz  
4:-56.506 dB  
980.000 MHz

CH2 Markers

1:-26.226 dB  
935.000 MHz  
2:-23.515 dB  
960.000 MHz  
3:-0.9870 dB  
915.000 MHz  
4:-1.1990 dB  
980.000 MHz

9 May 2013 09:10:49

CH1 S21 LOG 1 dB/REF 0 dB 5 -0.81000 dB 947.500 000 MHz  
CH2 S11 LOG 5 dB/REF -18 dB 5 -21.504 dB



CH1 Markers

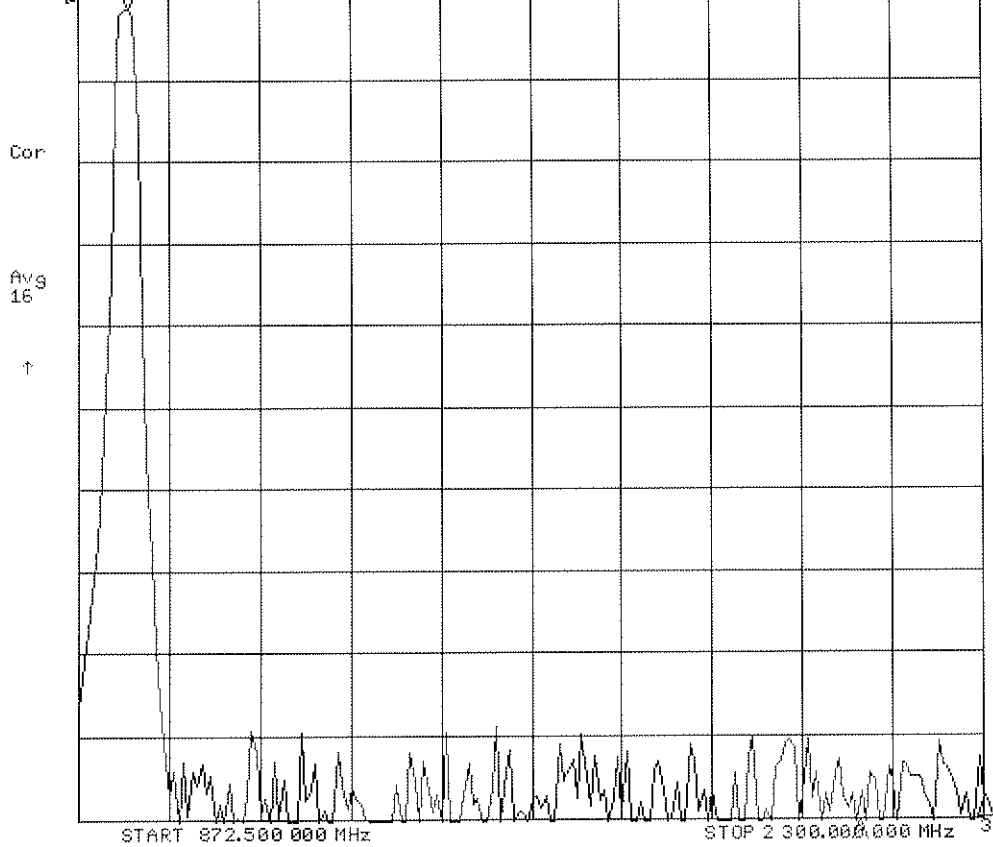
1:-1.2565 dB  
935.000 MHz  
2:-1.2554 dB  
960.000 MHz  
3:-49.429 dB  
915.000 MHz  
4:-56.450 dB  
980.000 MHz

CH2 Markers

1:-26.245 dB  
935.000 MHz  
2:-23.512 dB  
960.000 MHz  
3:-0.9710 dB  
915.000 MHz  
4:-1.1790 dB  
980.000 MHz

9 May 2013 09:11:26

CH1 S21 1/2 LOG 10 dB/REF 0 dB 1:-1.4299 dB 947.500 000 MHz



CH1 Markers  
2:-107.40 dB  
2.10000 GHz  
3:-97.660 dB  
2.30000 GHz