

Dielectric Filter Preliminary Specification

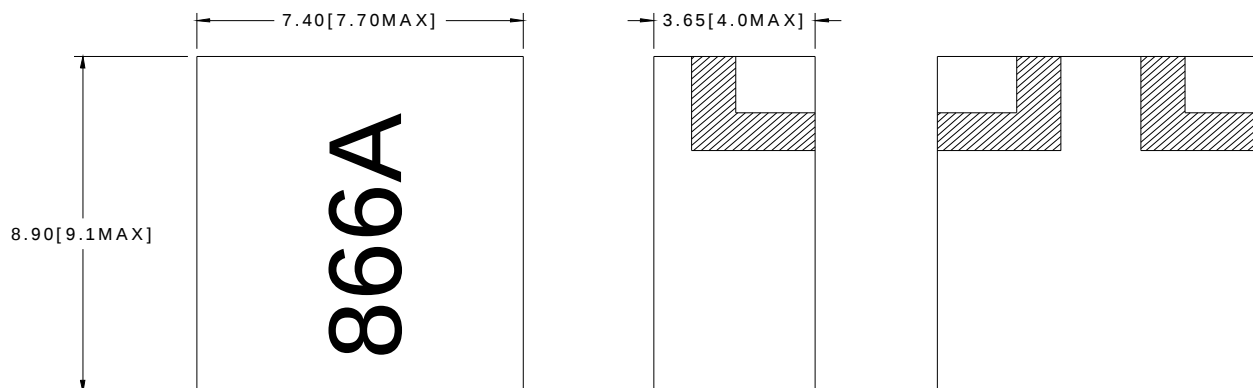
Customer	RFMW LTD
Part No.	MBP42R866S03A
Date	April 8, 2005

Written by	Checked by	Approved by
C.H.Lee		

1. Electrical Specifications.

Item	Specifications
Center Frequency (= Fc)	866.6 MHz
Pass Bandwidth (= BW)	Fc +/- 1.4 MHz
Insertion Loss @ BW	1.0 dB max.
Ripple @ BW	0.5 dB max.
V.S.W.R @ BW	1.5 max.
In, Output Impedance	50 Ω
Input Power	-
Attenuation	20 dB min. @ 776.6 MHz 10 dB min. @ 956.6 MHz
Operation Temperature Range	-30°C ~ +85°C

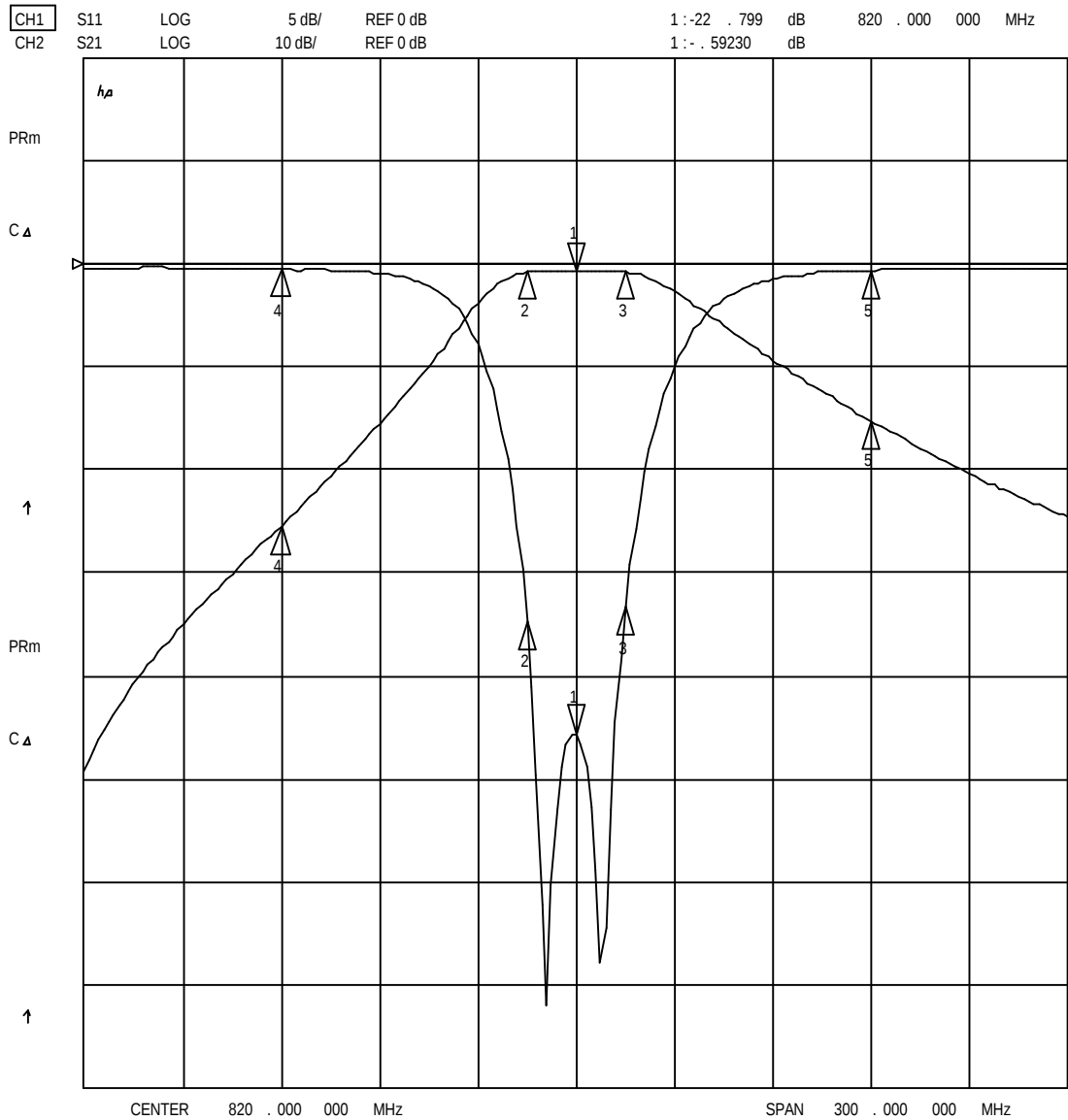
2. Dimensions.



Tolerance .X j 0.30
.XX j 0.15
Unit :mm

3.Graph.

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CH1 Markers

2	:	-17 . 345	dB
		805 . 000	MHz
3	:	-16 . 681	dB
		835 . 000	MHz
4	:	- . 28170	dB
		730 . 000	MHz
5	:	- . 30670	dB
		910 . 000	MHz

CH2 Markers

2	:	- . 71820	dB
		805 . 000	MHz
3	:	- . 71690	dB
		835 . 000	MHz
4	:	-25 . 412	dB
		730 . 000	MHz
5	:	-15 . 285	dB
		910 . 000	MHz