

# TMX W339

SAW Passband Filter – REMOTE CONTROL – RF

*Preliminary Specification (Rev-1)*

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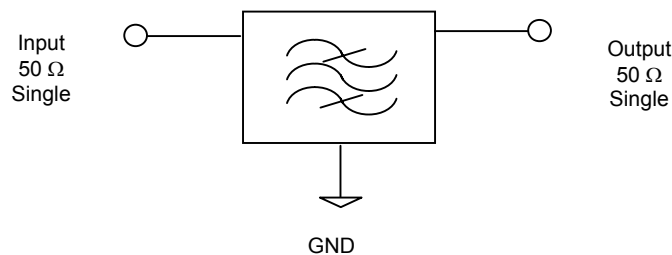
May 10<sup>th</sup>, 2005

Electrical Parameters		Unit	Minimum	Typical <sup>(1)</sup>	Maximum
Source Impedance (single ended)		$\Omega$	-	50 <sup>(2)</sup>	-
Load Impedance (single ended)		$\Omega$	-	50 <sup>(2)</sup>	-
Center Frequency $f_0$		MHz	-	866	-
<b>Absolute Attenuation</b>					
770 MHz to 780 MHz		dB	40	49	-
815 MHz to 825 MHz		dB	40	49	-
837.5 MHz to 847.5 MHz		dB	30	38	-
Insertion Loss within 862 MHz ~ 870 MHz		dB	-	3.0	4.5
Ripple within 862 MHz ~ 870 MHz		dB	-	0.8	2.1
<b>Package type &amp; size</b>					
Length x Width		mm <sup>2</sup>	-	3.0 x 3.0	-
Height		Mm	-	1.2	1.4
<b>Pin Out</b>					
Input	2	Output	6		
Case Ground	1, 3, 4, 5, 7, 8	To Be Grounded	1, 3, 4, 5, 7, 8		

**Notes :**

- (1) Typical values are nominal performances at room temperature
- (2) No external matching circuit is required

### 50 $\Omega$ / 50 $\Omega$ CONFIGURATION



### Maximum Ratings

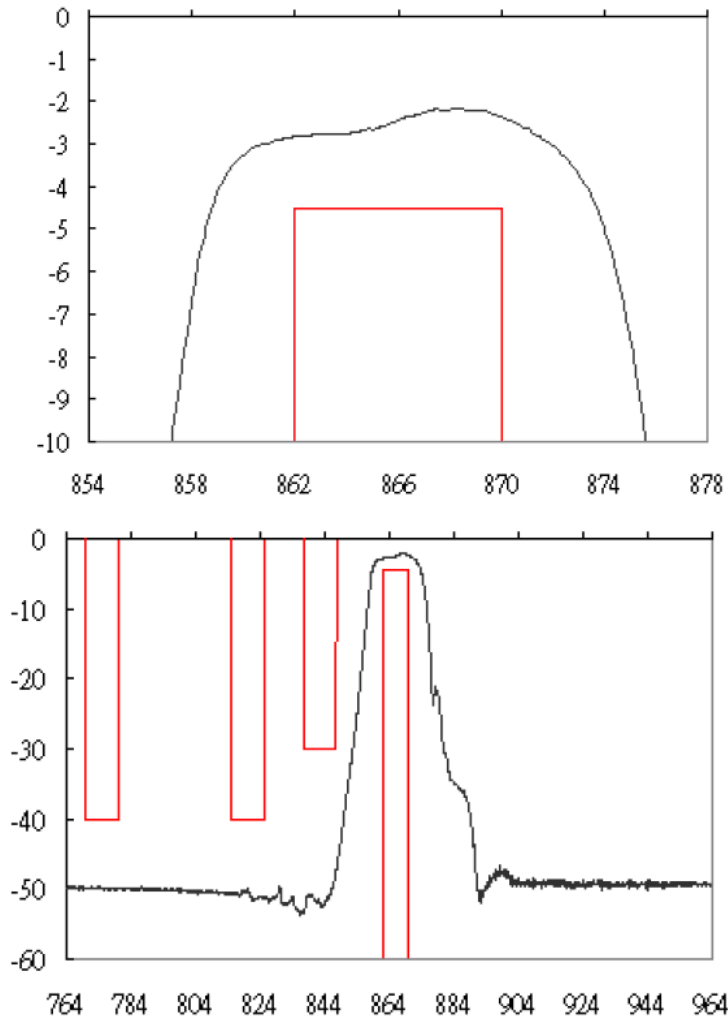
Rating	Unit	Value
Operating Temperature Range	-10 to +60	$^{\circ}\text{C}$
Storage Temperature Range	-40 to +85	$^{\circ}\text{C}$
DC permissive Voltage	3	V
Maximum RF Power	10	dBm

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## TYPICAL S21 RESPONSE



## PACKAGE DRAWING

