



TMX U393

SAW Passband Filter - Remote Control - RF
Specification (Rev-2)

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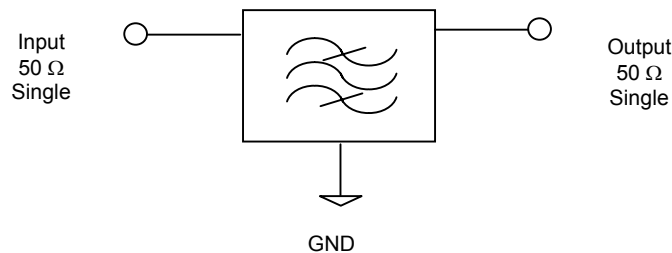
March 03rd, 2005

Electrical Parameters	Unit	Minimum	Typical ⁽¹⁾	Maximum
Source Impedance (single ended)	Ω	-	50 ⁽²⁾	-
Load Impedance (single ended)	Ω	-	50 ⁽²⁾	-
Center Frequency f_0	MHz	-	915	-
Absolute Attenuation				
100 MHz to 800 MHz	dB	50	60	-
800 MHz to 845 MHz	dB	45	50	-
845 MHz to 880 MHz	dB	35	40	-
947 MHz to 992 MHz	dB	15	20	-
992 MHz to 1020 MHz	dB	35	40	-
1020 MHz to 1200 MHz	dB	45	50	-
Maximum Insertion Loss in 902 MHz-928 MHz	dB	-	2.5	3.3
Ripple in 902 MHz-928 MHz	dB	-	0.5	1.5
Package type & size				
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	1.3	1.5
Pin Out				
Input	2	Output	5	
Case Ground	1,3,4,6	To Be Grounded	1,3,4,6	

Notes :

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

50 Ω / 50 Ω CONFIGURATION



Maximum Ratings

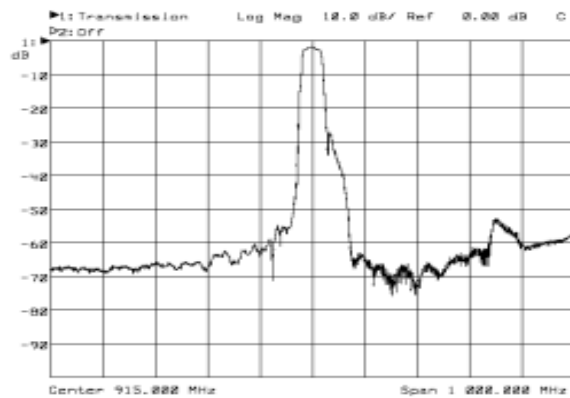
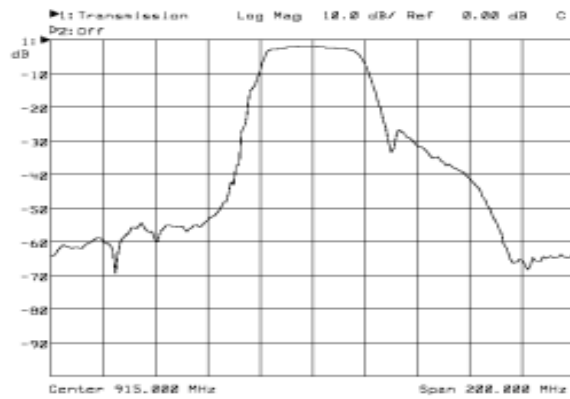
Rating		Unit	Value
Operating Temperature Range	T_A	0 to +70	$^{\circ}\text{C}$
Storage Temperature Range	T_{stg}	-45 to +85	$^{\circ}\text{C}$
Input Power		15	dBm

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TYPICAL S21 RESPONSE



PACKAGE DRAWING

