

TMX W306

SAW Passband Filter - Remote Control - RF
Preliminary Specification (Rev-1)

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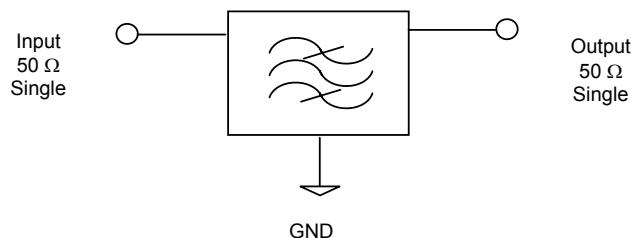
March 17th, 2005

Electrical Parameters	Unit	Minimum	Typical ⁽¹⁾	Maximum
Source Impedance (single ended)	Ω	-	50 ⁽²⁾	-
Load Impedance (single ended)	Ω	-	50 ⁽²⁾	-
Center Frequency fo	MHz	-	916	-
Absolute Attenuation				
20 MHz to 850 MHz	dB	50	55	-
850 MHz to 900 MHz	dB	40	45	-
900 MHz to 902 MHz	dB	35	40	-
929 MHz to 933 MHz	dB	25	30	-
950 MHz to 1000 MHz	dB	40	50	-
1000 MHz to 1500 MHz	dB	40	45	-
Maximum Insertion Loss in 915 MHz-917 MHz	dB	-	2.8	4.0
Ripple in 915 MHz-917 MHz	dB	-	0.2	1.0
Package type & size				
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	1.3	1.35
Pin Out				
Input	1	Output	2	
Case Ground	3	To Be Grounded	3	

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	-20 to +50 °C
Storage Temperature Range		-40 to +85 °C
Input Power		15 dBm

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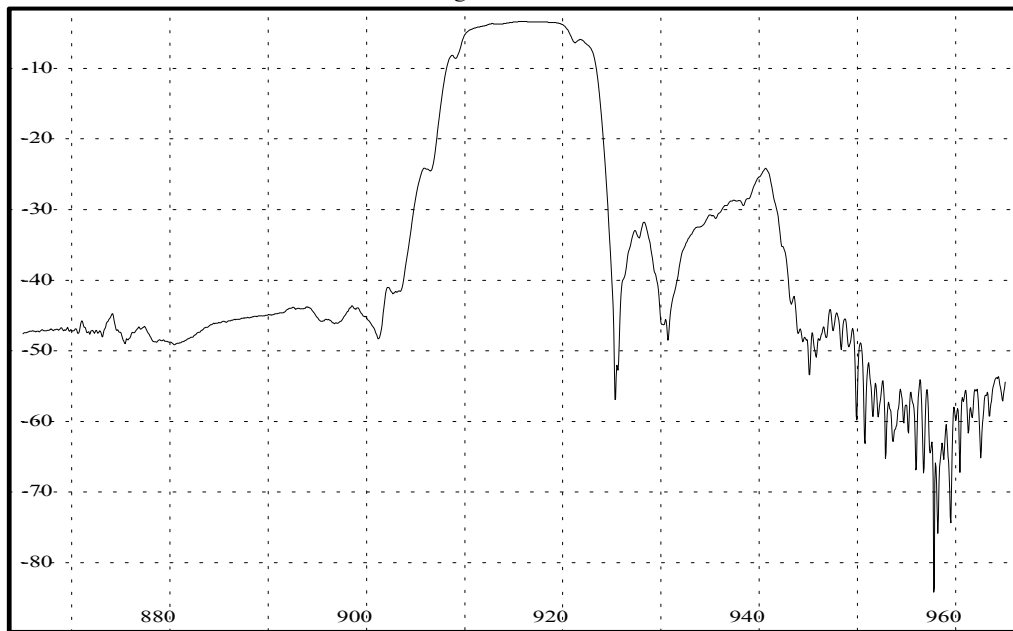
TYPICAL S21 RESPONSE

References

CENTER FREQUENCY = 0 MHz
 LOSS REFERENCE = 0 dB
 DELAY REFERENCE = 0 μs
 PHASE REFERENCE = 0 deg

Scales

SCALE_FREQUENCY = 10 MHz/div



PACKAGE DRAWING

