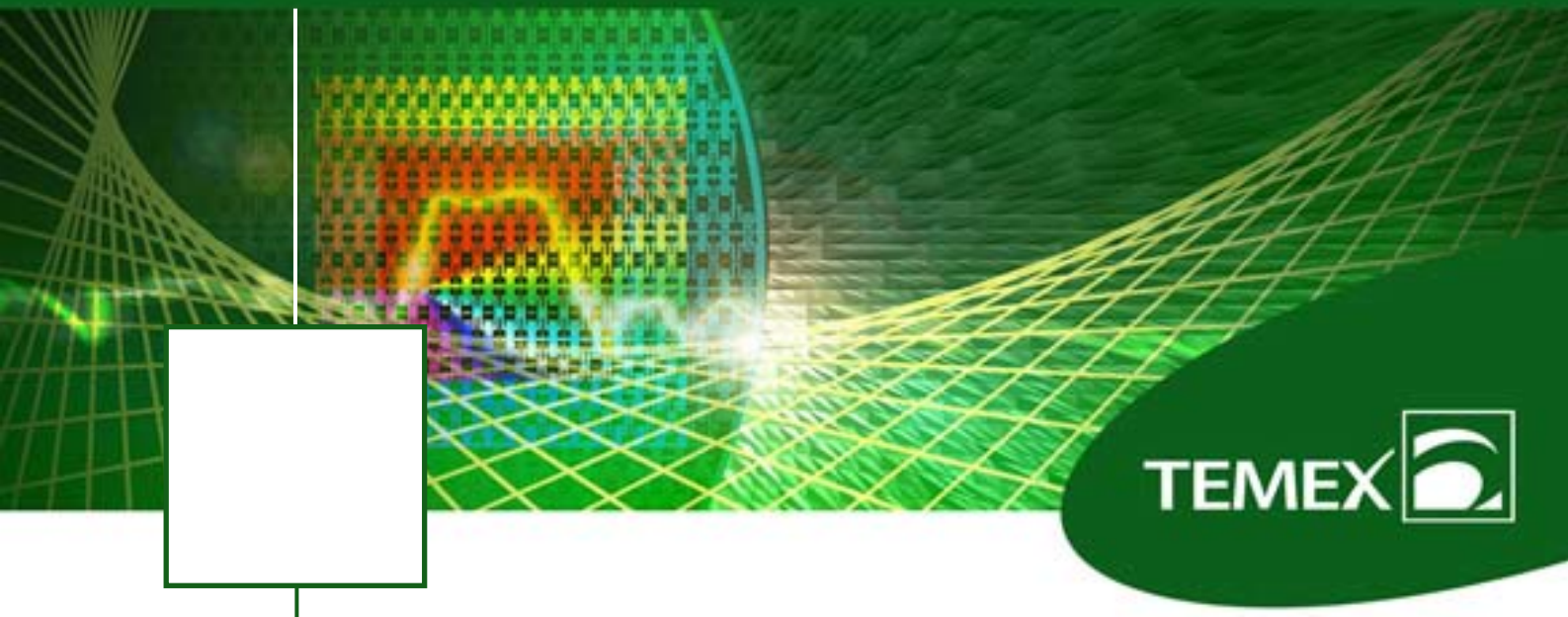

TMX W324

SAW Passband Filter - MOBILE COMMUNICATION - RF

Preliminary Specification (Rev-1)

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May 10th, 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	-	947.5	-
Absolute Attenuation				
10 MHz to 890 MHz	dB	28	32	-
890 MHz to 915 MHz	dB	20	35	-
980 MHz to 1025 MHz	dB	15	30	-
1025 MHz to 2000 MHz	dB	30	35	-
Insertion Loss within 935 MHz ~ 960 MHz	dB	-	2.4	3.0
VSWR within 935 MHz ~ 960 MHz		-	1.9	2.5
Ripple within 935 MHz ~ 960 MHz	dB	-	1.0	2.0
Package type & size				
Length x Width	mm²	-	3.0 x 3.0	-
Height	mm	-	1.1	1.4
Pin Out				

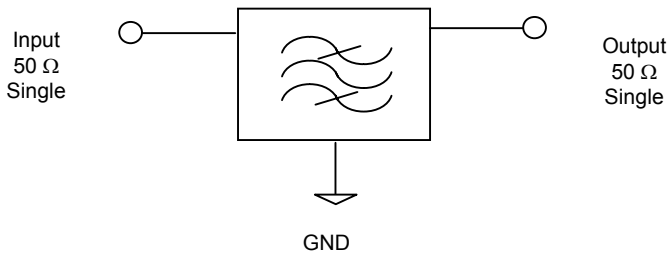
Input	B	**Output**	E
Case Ground	A, C, D, F	**To Be Grounded**	A, C, D, F

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	-30 to +85	°C
Storage Temperature Range	-40 to +85	°C
DC permissive Voltage	0	V
Maximum RF Power	10	dBm

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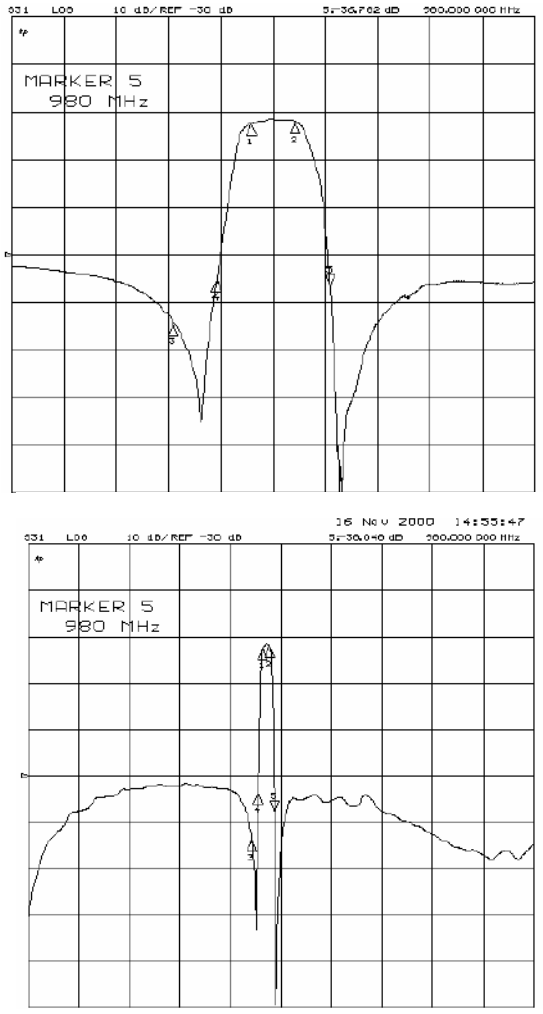
TYPICAL S21 RESPONSE



PACKAGE DRAWING