

- 62.50 MHz IF SAW Filter / 21.2MHz Bandwidth
- Revision 1: 29 Oct. 2007

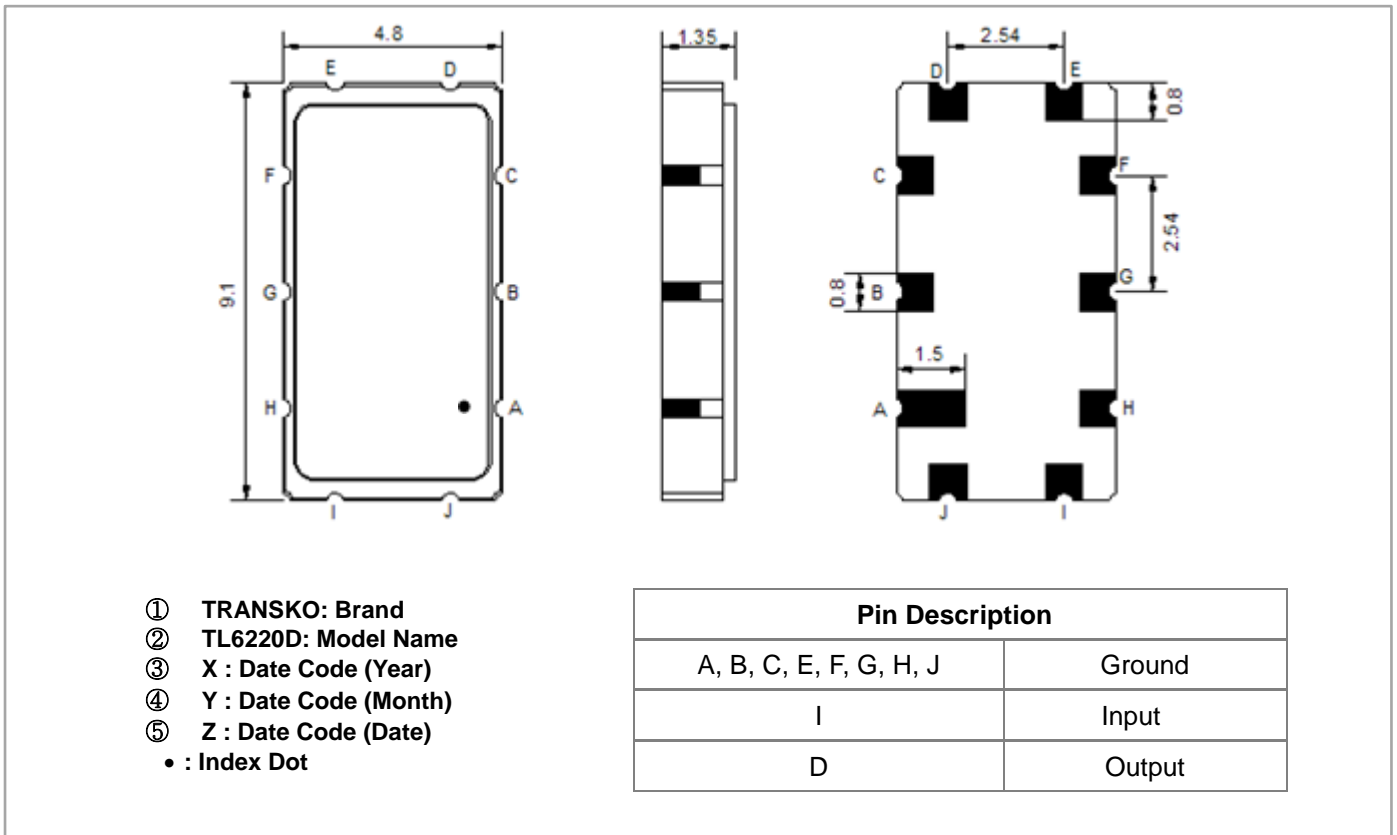
Electrical Characteristics

MAXIMUM RATING				
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	80
Storage Temperature Range	°C	-40	-	85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	T			
Length x Width	mm ²	-	9.1 x 4.8	-
Height	mm	-	-	1.5

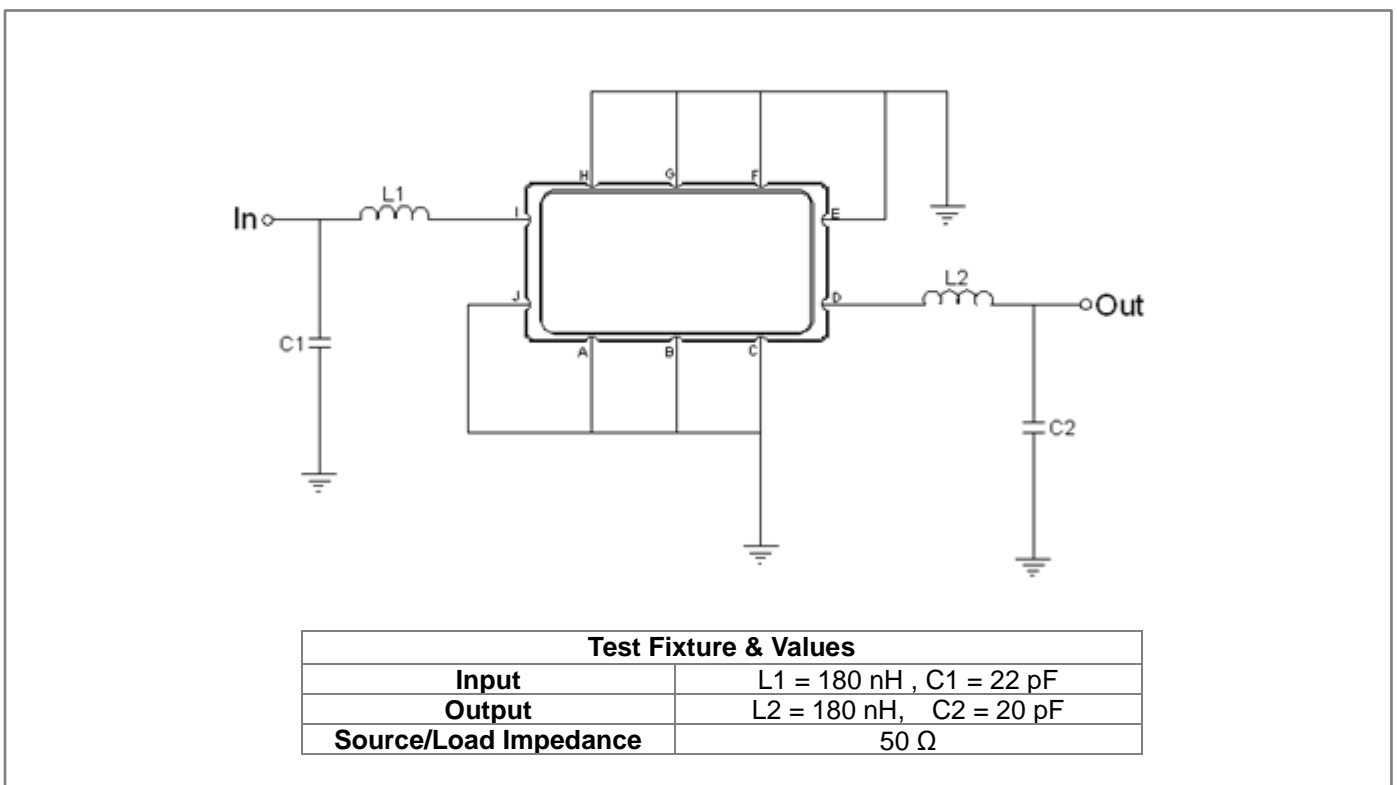
ELECTRICAL SPECIFICATION				
Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	62.50	-
Insertion Loss at Fo	dB	-	18.0	20.5
Group Delay Variation at Fo±9.75MHz	nsec	-	20	40
Absolute Delay at Fo	usec	-	0.91	-
Passband Ripple at Fo±9.75MHz	dB	-	0.30	1.0
Bandwidth at -1dB	MHz	20.7	21.2	-
Bandwidth at -3dB	MHz	21.8	22.2	-
Bandwidth at -20dB	MHz	-	24.9	-
Bandwidth at -30dB	MHz	-	25.6	26.5
Bandwidth at -40dB	MHz	-	26.9	27.5
Relative Attenuation:				
Lower sidelobe	dB	40	45	-
Upper sidelobe	dB	40	45	-

Notes : (1) With Matching Network (Ref. Testing Environment Circuit as shown below).
Those impedances could be modified with different impedance values and/or structures, if necessary.

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

