

- 60.00 MHz IF SAW Filter / 23.55 MHz Bandwidth
- Revision 1: 29 Oct. 2007

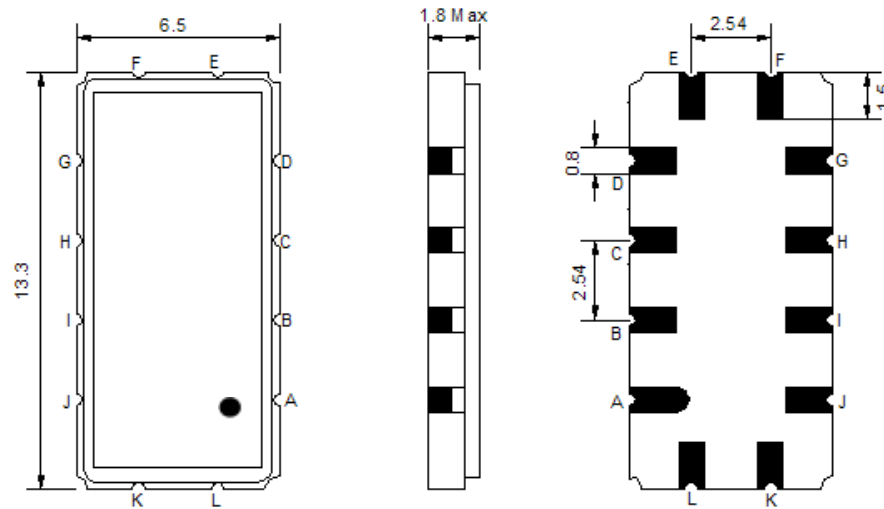
Electrical Characteristics

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	V			
Length x Width	mm ²	-	13.3 x 6.5	-
Height	mm	-	-	1.8

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	60.0	-
Insertion Loss at Fo	dB	-	10.5	12.0
Amplitude Ripple Variation	dB _{p-p}	-	0.6	1.0
Group Delay Variation	nsec	-	80	150
Absolute Delay at Fo	μsec	-	1.1	-
Temperature Coefficient	ppm/°C	-	-94	-
Bandwidth at -1.0 dB	MHz	10.0	10.3	-
Bandwidth at -3.0 dB	MHz	-	11.0	-
Bandwidth at -40.0 dB	MHz	-	13.5	14.0
Relative Attenuation:				
10 ~ 52.5 MHz	dB	40	-	-
67.5 ~ 120 MHz	dB	40	-	-
IN/OUT Return Loss at Fo	dB	-	-	-

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

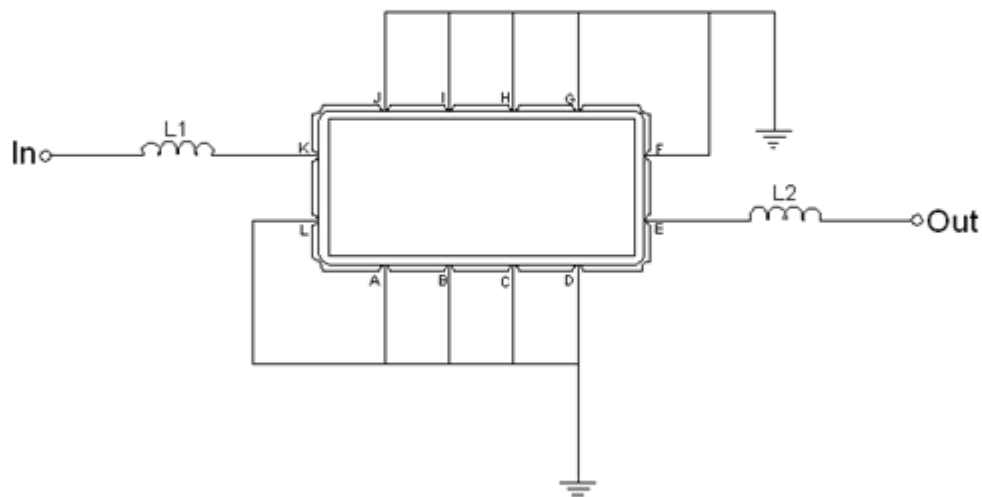


- ① TRANSKO: Brand
- ② TL6010: Model Name
- ③ X : Date Code (Year)
- ④ Y : Date Code (Month)
- ⑤ Z : Date Code (Date)
- : Index Dot

Pin Description

A, B, C, D, F, G, H, I, J, L	Ground
K	Input
E	Output

Testing Environment



Test Fixture & Values

Input	L1=270 nH , Q>40
Output	L2=270 nH , Q>40
Source/Load Impedance	50 Ω

Frequency Characteristics**Frequency Response**