

### 1. Features

- Typical 1dB bandwidth of 0.82 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

Tested by SGS Testing Korea

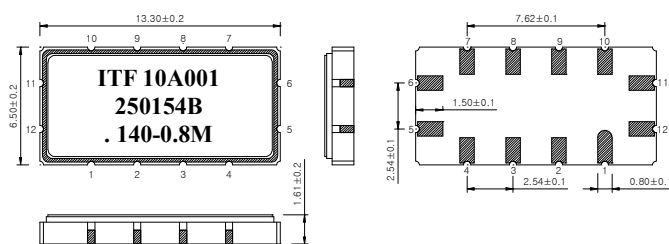
### 2. Electrical Specifications

Source and Load Impedance = 50Ω

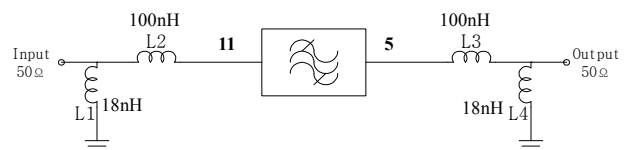
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	13.0	15.0
1dB Bandwidth	MHz	-	0.82	-
3dB Bandwidth	MHz	1.3	1.42	-
40dB Bandwidth	MHz	-	4.39	4.5
Amplitude Ripple (fo ± 0.2 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 0.2 MHz)	nsec	-	75	150
Absolute Delay	usec	-	0.97	-
Ultimate Rejection	dB	45	55	-
Temperature Coefficient of Frequency	ppm/°C <sup>2</sup>	-	-0.03	-

#### S1365 Package Dimension



#### Matching Schematic



Dimensions shown are nominal in millimeters

Body : Al<sub>2</sub>O<sub>3</sub>

Lid : Kovar, Ni Plated

Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

#### Pin Configuration

	11	Ground	6,12
Input			
Output	5	Others	Ground

### 3. Typical Performance ( at +25°C )

