

## 1. Features

- Typical 1dB bandwidth of 5.95 MHz
- Low-Loss Filter
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

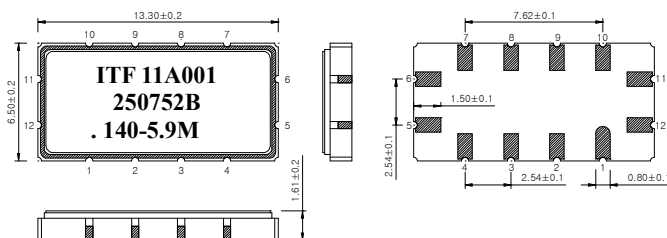
Tested by SGS Testing Korea

## 2. Electrical Specifications

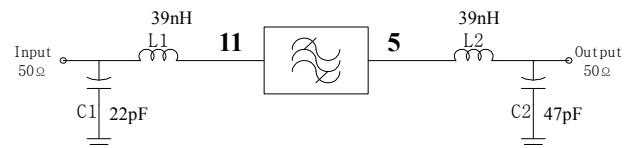
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	7.0	9.0
1dB Bandwidth	MHz	5.5	5.95	-
3dB Bandwidth	MHz	-	7.05	-
40dB Bandwidth	MHz	-	10.6	10.8
Amplitude Ripple (fo ± 2.4 MHz)	dB	-	0.4	0.8
Group Delay Variation (fo ± 2.4 MHz)	nsec	-	55	100
Absolute Delay	usec	-	0.82	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

**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
<b>Input</b>			
<b>Output</b>	5	Others	Ground

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

