

## 1. Features

- Typical 1dB bandwidth of 14.1 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

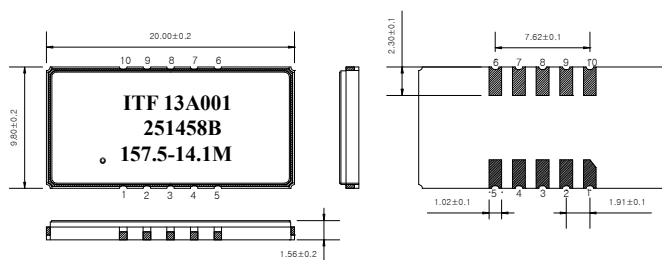
Tested by SGS Testing Korea

## 2. Electrical Specifications

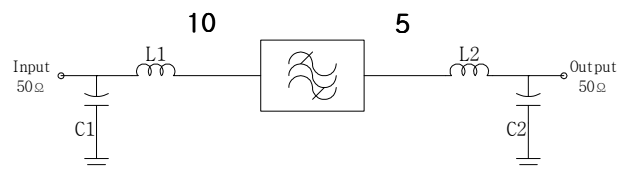
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	157.5	-
Insertion Loss	dB	-	26.5	28.0
1 dB Bandwidth	MHz	13.95	14.1	-
3dB Bandwidth	MHz	-	14.5	-
40dB Bandwidth	MHz	-	16.3	16.45
Amplitude Ripple (fo ± 6.75 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 6.75 MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.27	-
Ultimate Rejection	dB	50	55	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-18		

**S2098 Package Dimension**



**Matching Schematic**



**L1 = 56nH, L2 = 47nH, C1 = 33pF, C2 = 39pF**

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**

Pin Configuration			
Input	10	Ground	1,6
Output	5	Others	Ground

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

