

## 1. Features

- Typical 1dB bandwidth of 20.6 MHz
- Low-Loss Filter
- Single Ended Operation
- Ceramic Surface Mount Device(SMD) Package

**RoHS Compliant**

Tested by SGS Testing Korea

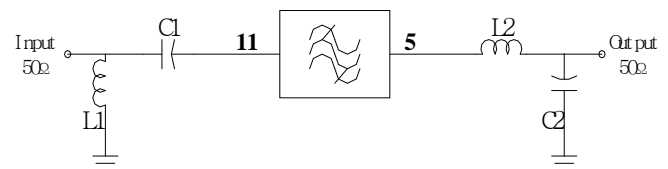
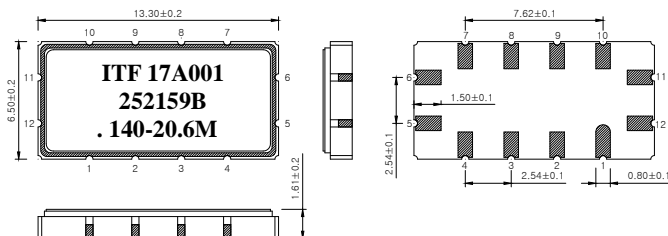
## 2. Electrical Specifications

Source and Load Impedance = 50

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	11.0	13.0
1dB Bandwidth	MHz	20.2	20.6	-
3dB Bandwidth	MHz	-	21.8	-
40dB Bandwidth	MHz	-	27.3	27.5
Amplitude Ripple (fo ± 9.2 MHz)	dB	-	0.35	1.0
Group Delay Variation (fo ± 9.2 MHz)	nsec	-	40	80
Absolute Delay	usec	-	0.82	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

**S1365 Package Dimension**

**Matching Schematic**



L1 = 56nH, C1 = 100pF, L2 = 33nH, C2 = 62pF

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	11	Ground	6, 12
Output	5	Others	Ground

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

