

1. Features

- Typical 1dB bandwidth of 19.6 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

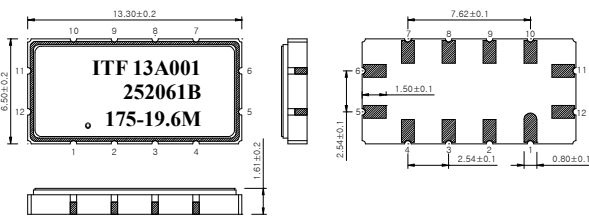
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	175.0	-
Insertion Loss	dB	-	27.0	28.5
1dB Bandwidth	MHz	19.5	19.61	-
3dB Bandwidth	MHz	-	20.15	-
40dB Bandwidth	MHz	-	22.1	22.35
Amplitude Ripple (Fo±9.46MHz)	dB	-	0.5	1.0
Group Delay Variation (Fo±9.46MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.11	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

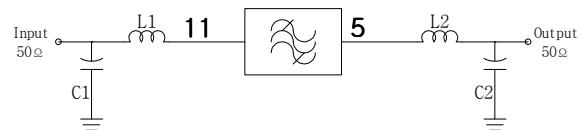
S1365 Package Dimension



Dimensions shown are nominal in millimeters

Body : Al₂O₃
 Lid : Kovar, Ni Plated
 Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Matching Schematic



L1 = 47nH, L2 = 56nH, C1 = 43pF, C2 = 33pF

Pin Configuration			
Input	11	Ground	6, 12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

