

1. Features

- Typical 1dB bandwidth of 63.1 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

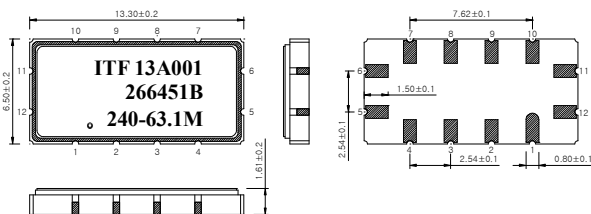
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : -10°C ~ +60°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	240.0	-
Insertion Loss	dB	-	27.0	28.5
1dB Bandwidth	MHz	62.9	63.13	-
3dB Bandwidth	MHz	-	64.15	-
40dB Bandwidth	MHz	-	68.7	70.0
Amplitude Ripple (fo ± 30.0 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 30.0 MHz)	nsec	-	10	30
Absolute Delay	usec	-	1.00	-
Ultimate Rejection	dB	42	48	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	27.0	28.5
Amplitude Ripple (fo ± 30.65 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 30.65 MHz)	nsec	-	10	30

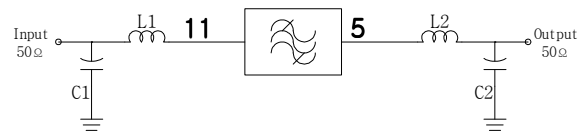
S1365 Package Dimension



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 = 39nH, L2 = 27nH, C1 = 15pF, C2 = 11pF

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

3. Typical Performance (at +25°C)

