

1. Features

- Typical 1dB bandwidth of 36.0 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

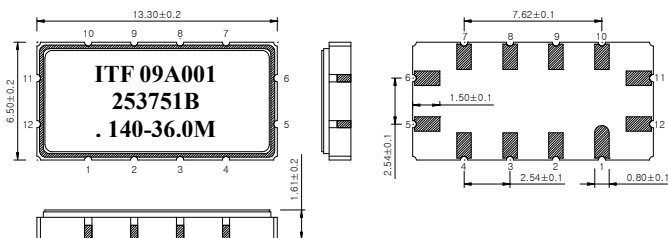
Operating Temperature : 0°C ~ +70°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	12.0	14.5
1dB Bandwidth	MHz	35.5	36.0	-
3dB Bandwidth	MHz	-	37.3	-
40dB Bandwidth	MHz	-	43.5	44.0
Amplitude Ripple (fo ± 16.55 MHz)	dB	-	0.4	0.9
Group Delay Variation (fo ± 16.55 MHz)	nsec	-	25	60
Absolute Delay	usec	-	0.75	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Insertion Loss	dB	-	12.0	14.0
Amplitude Ripple (fo ± 17.0 MHz)	dB	-	0.4	0.9
Group Delay Variation (fo ± 17.0 MHz)	nsec	-	25	60

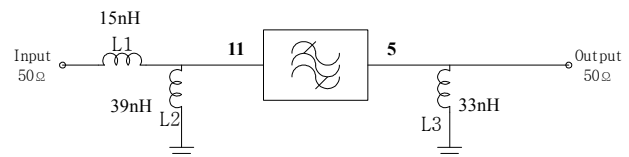
S1365 Package Dimension



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



Pin Configuration

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

3. Typical Performance (at +25°C)

