

1. Features

- Typical 1dB bandwidth of 6.3 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

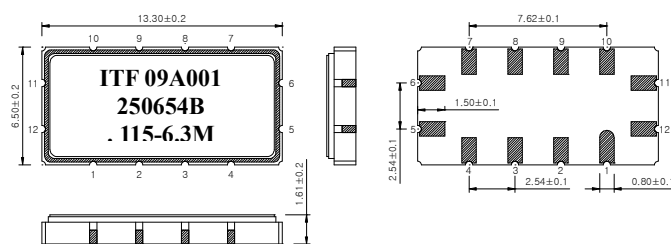
2. Electrical Specifications

Source and Load Impedance = 50Ω

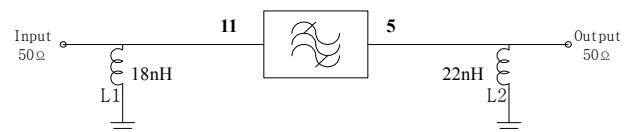
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	115.0	-
Insertion Loss	dB	-	18.0	20.5
1dB Bandwidth	MHz	6.0	6.32	-
3dB Bandwidth	MHz	-	6.82	-
40dB Bandwidth	MHz	-	9.1	9.4
Amplitude Ripple (fo ± 2.9 MHz)	dB	-	0.45	0.9
Group Delay Variation (fo ± 2.9 MHz)	nsec	-	45	70
Absolute Delay	usec	-	1.5	-
Ultimate Rejection	dB	40	48	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

S1365 Package Dimension



Matching Schematic



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

Pin Configuration

	11	Ground	6,12
Input			
Output	5	Others	Ground

3. Typical Performance (at +25°C)

