

1. Features

- Typical 1dB bandwidth of 31.85 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

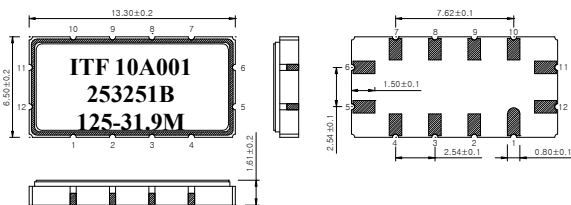
2. Electrical Specifications

Source and Load Impedance = 50Ω

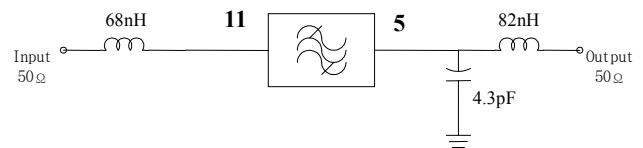
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	125.0	-
Insertion Loss	dB	-	23.5	25.0
1dB Bandwidth	MHz	31.7	31.85	-
3dB Bandwidth	MHz	-	32.65	-
40dB Bandwidth	MHz	-	36.2	36.3
Amplitude Ripple (fo ± 15.5 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 15.5 MHz)	nsec	-	20	40
Absolute Delay	usec	-	0.98	-
Ultimate Rejection	dB	50	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S1365 Package Dimension



Matching Schematic



Pin Configuration

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

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

3. Typical Performance (at +25°C)

