

1. Features

- Typical 1dB bandwidth of 24.7 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

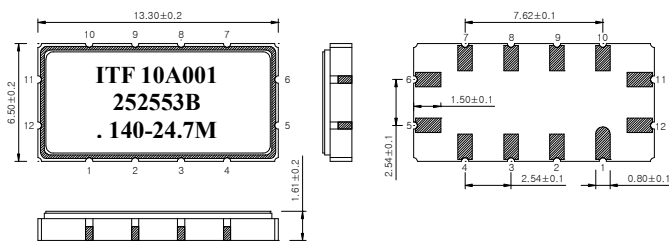
2. Electrical Specifications

Source and Load Impedance = 50Ω

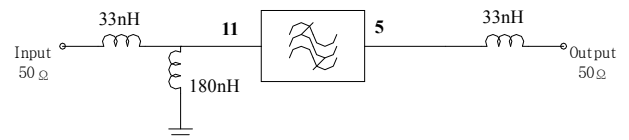
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	140.0	-
Insertion Loss	dB	-	21.0	23.0
1dB Bandwidth	MHz	24.5	24.75	-
3dB Bandwidth	MHz	-	25.4	-
40dB Bandwidth	MHz	-	28.0	28.2
Amplitude Ripple (fo ± 12.0 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 12.0 MHz)	nsec	-	25	50
Absolute Delay	usec	-	1.19	-
Ultimate Rejection	dB	48	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)

