

1. Features

- Typical 1dB bandwidth of 2.5 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

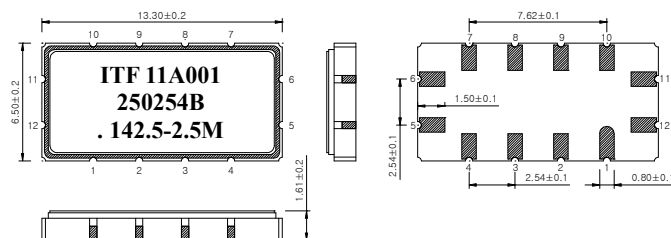
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	142.5	-
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	MHz	2.35	2.5	-
3dB Bandwidth	MHz	-	2.83	-
40dB Bandwidth	MHz	-	4.3	4.45
Amplitude Ripple (fo ± 1.0 MHz)	dB	-	0.3	1.0
Group Delay Variation (fo ± 1.0 MHz)	nsec	-	60	150
Absolute Delay	usec	-	1.83	-
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

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

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

3. Typical Performance (at +25°C)

