

1. Features

- Typical 1dB bandwidth of 9.1 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

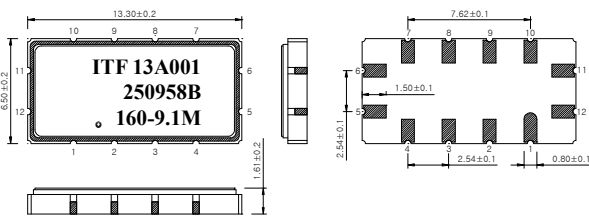
Tested by SGS Testing Korea

2. Electrical Specifications

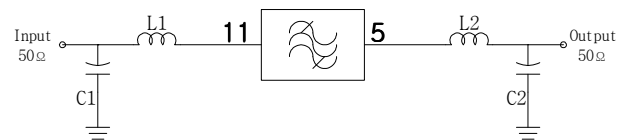
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	160.0	-
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	MHz	9.0	9.12	-
3dB Bandwidth	MHz	-	9.45	-
40dB Bandwidth	MHz	-	10.86	10.95
Amplitude Ripple (fo ± 4.375 MHz)	dB	-	0.4	1.0
Group Delay Variation (fo ± 4.375 MHz)	nsec	-	60	150
Absolute Delay	usec	-	1.71	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

S1365 Package Dimension



Matching Schematic



L1 = 27nH, L2 = 33nH, C1 = C2 = 30pF,

Pin Configuration

	11	Ground	6, 12
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)

