

1. Features

- Typical 1dB bandwidth of **12.6MHz**
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

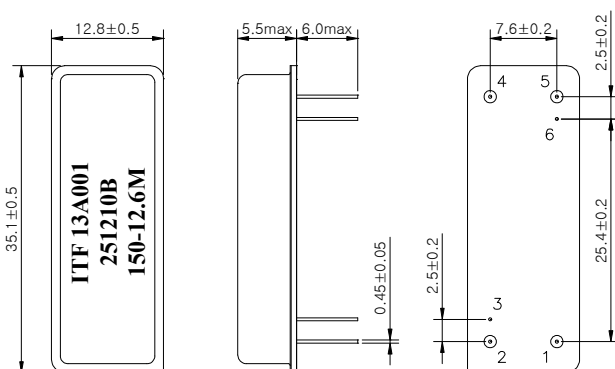
2. Electrical Specifications

Source and Load Impedance = 50Ω

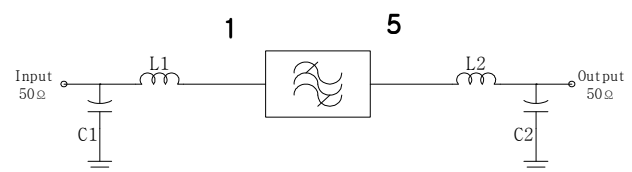
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	150.0	-
Insertion Loss	dB	-	30.5	32.0
1dB Bandwidth	MHz	12.50	12.65	-
3dB Bandwidth	MHz	-	12.82	-
25dB Bandwidth	MHz	-	13.35	13.4
40dB Bandwidth	MHz	-	13.50	-
Amplitude Ripple (fo ± 6.1 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 6.1 MHz)	nsec	-	60	120
Absolute Delay	usec	-	4.72	4.8
Ultimate Rejection	dB	45	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

Input POWER : 10dBm

D3512 Package Dimension



Matching Schematic



L1 = 27nH, L2 = 27nH, C1 = 68pF, C2 = 43pF

Pin Configuration

	1	5	Others
Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

