

## 1. Features

- Typical 1dB bandwidth of 4.8 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

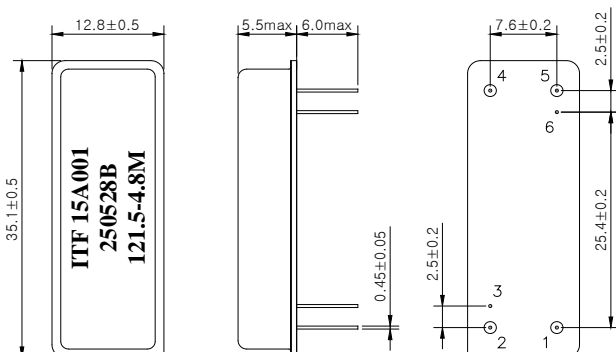
## 2. Electrical Specifications

Source and Load Impedance = 50

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	121.35	121.5	121.65
Insertion Loss	dB	-	24.5	26.5
1dB Bandwidth	MHz	4.6	4.8	-
3dB Bandwidth	MHz	-	5.0	-
40dB Bandwidth	MHz	-	5.9	6.2
Amplitude Ripple (fo ± 2.15 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 2.15 MHz)	nsec	-	100	250
Absolute Delay	usec	-	4.0	-
Ultimate Rejection	dB	45	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

\* Input POWER : +10dBm

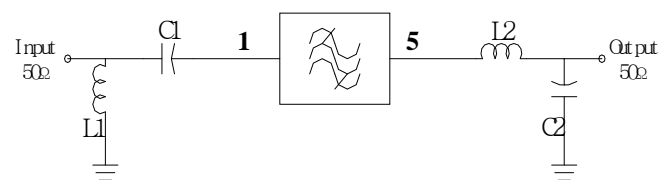
**D3512 Package Dimension**



Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated  
 Cap : Cu & Cr Alloy, Ni Plated  
 Termination : Kovar, Au Plated

**Matching Schematic**



**L1 = 27nH, C1 = 110pF, L2 = 22nH, C2 = 82pF**

**Pin Configuration**

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

### 3. Typical Performance ( at +25°C )

