

1. Features

- Typical 1dB bandwidth of 36.5 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

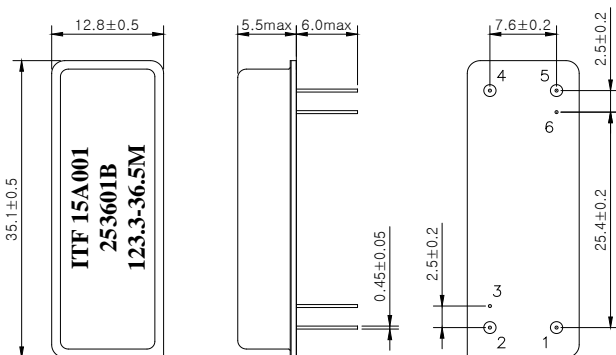
2. Electrical Specifications

Source and Load Impedance = 50

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	123.15	123.3	123.45
Insertion Loss	dB	-	27.0	29.0
1dB Bandwidth	MHz	36.3	36.5	-
3dB Bandwidth	MHz	-	36.82	-
40dB Bandwidth	MHz	-	38.35	38.6
Amplitude Ripple (fo ± 17.85 MHz)	dB	-	0.55	1.2
Group Delay Variation (fo ± 17.85 MHz)	nsec	-	30	100
Absolute Delay	usec	-	1.91	-
Ultimate Rejection	dB	45	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

* Input POWER : +10dBm

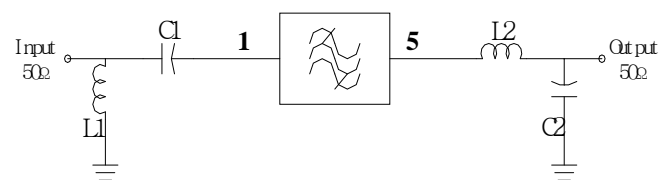
D3512 Package Dimension



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 = 68nH, C1 = 330pF, L2 = 68nH, C2 = 16pF

Pin Configuration

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

3. Typical Performance (at +25°C)

