

1. Features

- Typical 1dB bandwidth of 10.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

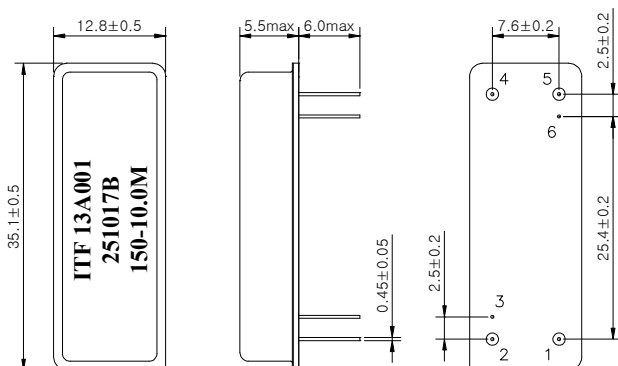
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	150.0	-
Insertion Loss	dB	-	28.0	29.5
1dB Bandwidth	MHz	9.85	10.0	-
3dB Bandwidth	MHz	-	10.18	-
20dB Bandwidth	MHz	-	10.63	10.70
25dB Bandwidth	MHz	-	10.70	-
40dB Bandwidth	MHz	-	10.85	-
Amplitude Ripple (fo ± 4.8 MHz)	dB	-	0.4	1.2
Group Delay Variation (fo ± 4.8 MHz)	nsec	-	80	160
Absolute Delay	usec	-	4.76	4.8
Ultimate Rejection	dB	45	53	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

Input POWER : 10dBm

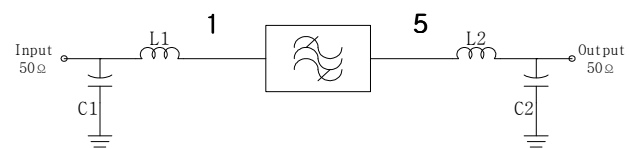
D3512 Package Dimension



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 = L2 = 27nH, C1 = 62pF, C2 = 43pF

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

3. Typical Performance (at +25°C)

