

1. Features

- Typical 1.5dB bandwidth of 2.7 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

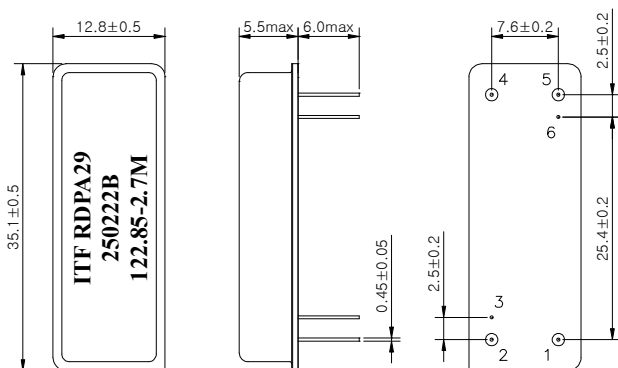
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	122.75	122.85	122.95
Insertion Loss	dB	-	24.5	26.5
1.5dB Bandwidth	MHz	2.7	2.77	-
3dB Bandwidth	MHz	-	2.87	-
40B Bandwidth	MHz	-	3.57	3.65
45dB Bandwidth	MHz	-	3.65	-
Amplitude Ripple (fo ± 1.1 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 1.1 MHz)	nsec	-	200	400
Absolute Delay	usec	-	3.92	4.0
Relative Attenuation (fo ± 8.15 MHz)	dBc	50	55	
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

Input POWER : +10dBm

D3512 Package Dimension

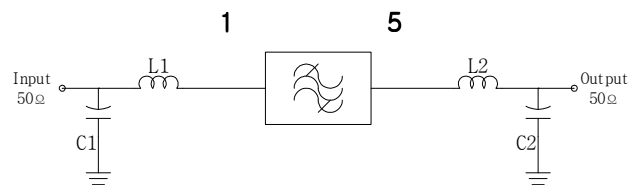


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

Matching Network Configuration



L1 = 100nH, L2 = 100nH

C1 = 47pF, C2 = 47pF

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

3. Typical Performance (at +25°C)

