

## 1. Features

- Typical 1dB bandwidth of 26.9 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

## 2. Electrical Specifications

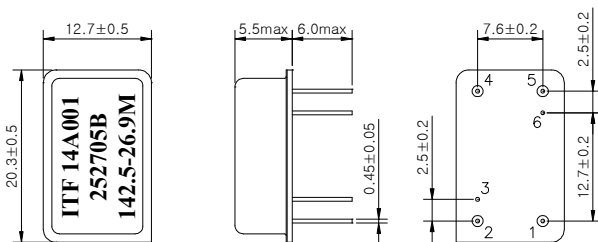
Source and Load Impedance = 50Ω

Operating Temperature : -30 ~ +70°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	142.5	-
Insertion Loss	dB	-	22.0	23.5
1dB Bandwidth	MHz	26.6	26.98	-
3dB Bandwidth	MHz	-	27.45	-
40dB Bandwidth	MHz	-	29.46	29.8
Amplitude Ripple (fo ± 12.5 MHz)	dB	-	0.45	1.2
Group Delay Variation (fo ± 12.5 MHz)	nsec	-	25	60
Absolute Delay	usec	-	1.51	-
Ultimate Rejection	dB	50	60	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-
Relative Attenuation (fo ± 12.5 MHz) ± 3.0 MHz	dBc	40	60	-

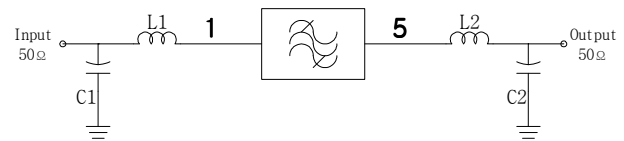
Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	22.0	23.5
Amplitude Ripple (fo ± 13.06 MHz)	dB	-	0.45	1.2
Group Delay Variation (fo ± 13.06 MHz)	nsec	-	25	60

Input POWER : +10dBm

### D2012 Package Dimension



### Matching Schematic



**L1 = 47nH, L2 = 47nH, C1 = 15pF, C2 = 22pF**

Dimensions shown are nominal in millimeters

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

### Pin Configuration

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

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

