

1. Features

- Typical 1dB bandwidth of 14.1 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

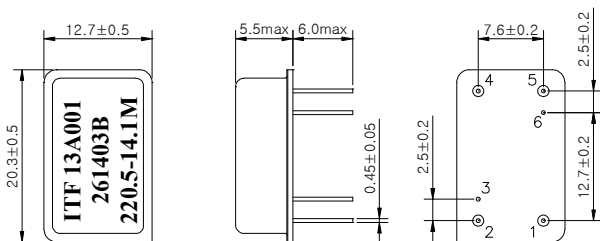
Tested by SGS Testing Korea

2. Electrical Specifications

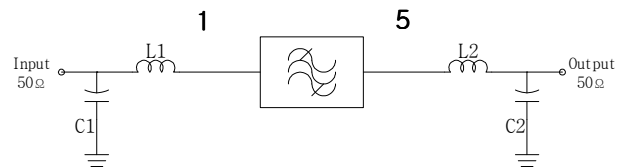
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	220.5	-
Insertion Loss	dB	-	25.1	27.0
1 dB Bandwidth	MHz	14.0	14.16	-
3dB Bandwidth	MHz	-	14.56	-
20dB Bandwidth	MHz	-	15.71	-
40dB Bandwidth	MHz	-	16.27	16.4
Amplitude Ripple (fo ± 6.75 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 6.75 MHz)	nsec	-	40	100
Absolute Delay	usec	-	2.19	-
Ultimate Rejection	dB	50	53	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-18		

D2012 Package Dimension



Matching Schematic



L1 = 22nH, L2 = 18nH, C1 = 27pF, C2 = 33pF

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

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

3. Typical Performance (at +25°C)

