

1. Features

- Typical 1dB bandwidth of 18.5 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

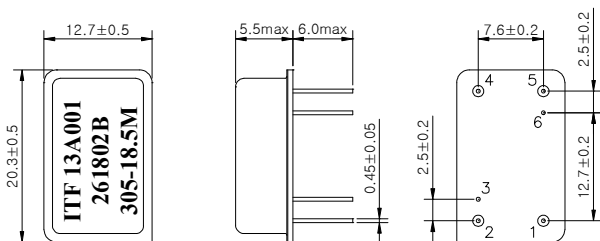
Tested by SGS Testing Korea

2. Electrical Specifications

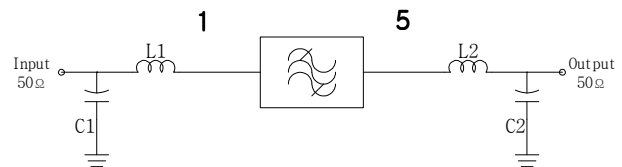
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	305.0	-
Insertion Loss	dB	-	25.5	27.0
1dB Bandwidth	MHz	18.4	18.52	-
3dB Bandwidth	MHz	-	18.96	-
40dB Bandwidth	MHz	-	20.91	21.1
Amplitude Ripple (Fo±9.0MHz)	dB	-	0.6	1.2
Group Delay Variation (Fo±9.0MHz)	nsec	-	35	70
Absolute Delay	usec	-	2.06	-
Ultimate Rejection	dB	45	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

D2012 Package Dimension



Matching Schematic



L1 = 6.8nH , L2 = 6.8nH, C1 = 27pF, C2 = 20pF

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)

