

1. Features

- Typical 1dB bandwidth of 19.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

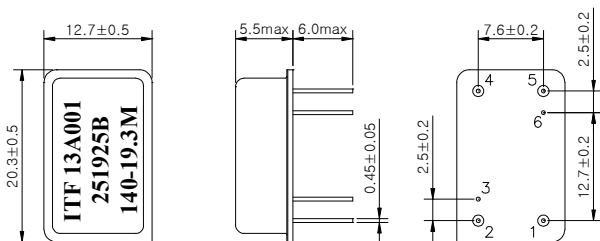
Tested by SGS Testing Korea

2. Electrical Specifications

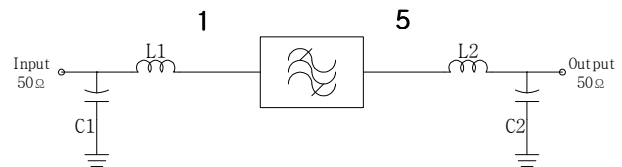
Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	145.0	-
Insertion Loss	dB	-	26.5	28.0
1 dB Bandwidth	MHz	19.15	19.36	-
3dB Bandwidth	MHz	-	19.68	-
20dB Bandwidth	MHz	-	20.6	20.65
40dB Bandwidth	MHz	-	21.05	-
Amplitude Ripple (fo ± 9.4 MHz)	dB	-	1.1	1.5
Group Delay Variation (fo ± 9.4 MHz)	nsec	-	40	80
Absolute Delay	usec	-	2.08	-
Ultimate Rejection	dB	40	45	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/℃	-72		

D2012 Package Dimension



Matching Schematic



L1 = 27nH, L2 = 27nH, C1 = 36pF, C2 = 27pF

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)

