

1. Features

- Typical 1dB bandwidth of 9.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

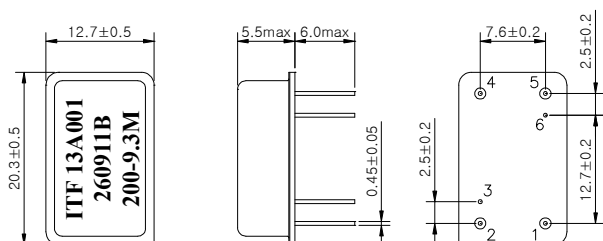
2. Electrical Specifications

Source and Load Impedance = 50Ω

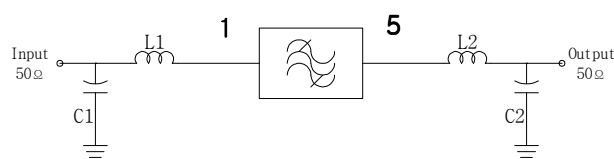
Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	200.0	-
Insertion Loss	dB	-	27.70	29.0
1dB Bandwidth	MHz	9.22	9.36	-
3dB Bandwidth	MHz	-	9.60	-
45dB Bandwidth	MHz	-	10.75	10.80
Amplitude Ripple (Fo±4.5075MHz)	dB	-	0.85	1.3
Group Delay Variation (Fo±4.5075MHz)	nsec	-	80	150
Absolute Delay	usec	-	2.25	2.30
Ultimate Rejection	dB	47	52	-
Temperature Coefficient of Frequency	ppm/℃	-	-18	-
Substrate Material	-		112-LT	

Input Power : +10dBm

D2012 Package Dimension



Matching Schematic



$$L1 = L2 = 12\text{nH}, C1 = C2 = 51\text{pF}$$

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

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

