

### 1. Features

- Typical 1dB bandwidth of 5.2 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

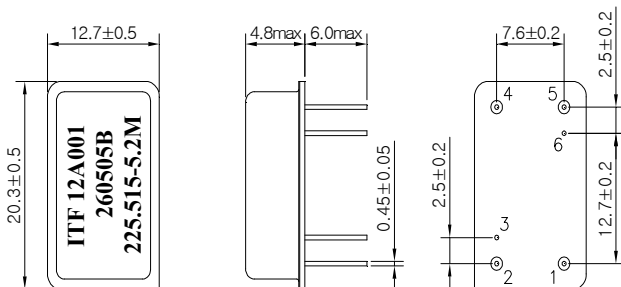
Tested by SGS Testing Korea

### 2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	225.515	-
Insertion Loss	dB	-	25.0	26.5
1dB Bandwidth	MHz	5.1	5.23	-
3dB Bandwidth	MHz	-	5.43	-
20dB Bandwidth	MHz	-	6.03	6.1
40dB Bandwidth	MHz	-	6.31	-
Amplitude Ripple (fo ± 2.46 MHz)	dB	-	0.65	1.2
Group Delay Variation (fo ± 2.46MHz)	nsec	-	110	200
Absolute Delay	usec	-	2.12	-
Ultimate Rejection	dB	40	43	-
Temperature Coefficient of Frequency	ppm/°C <sup>2</sup>	-	-0.03	-

#### D2012 Package Dimension

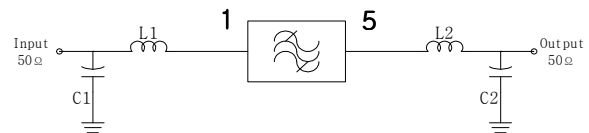


Dimensions shown are nominal in millimeters

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

Termination : Kovar, Au Plated

#### Matching Network Configuration



**L1 = 39nH, L2 = 56nH**

**C1 = 30pF, C2 = 24pF**

#### Pin Configuration

Pin Configuration			
<b>Input</b>	<b>1</b>	<b>Ground</b>	<b>2,4</b>
<b>Output</b>	<b>5</b>	<b>Others</b>	<b>Ground</b>

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

