

1. Features

- Typical 1dB bandwidth of 8.27 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

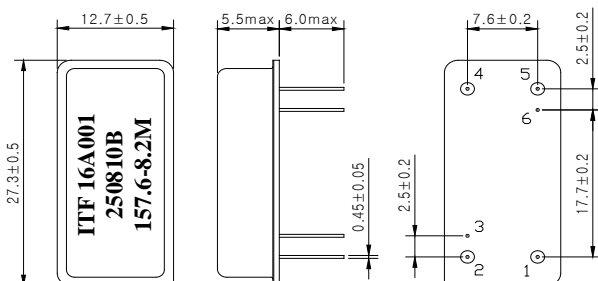
2. Electrical Specifications

Source and Load Impedance = 50

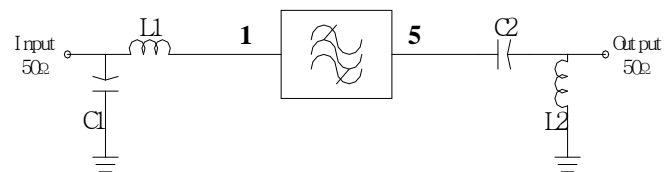
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	157.5	157.6	157.7
Insertion Loss	dB	-	26.5	28.0
1dB Bandwidth	MHz	-	8.27	-
3dB Bandwidth	MHz	8.4	8.46	8.55
40dB Bandwidth	MHz	-	9.3	9.4
Amplitude Ripple (fo ± 3.7 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 3.7 MHz)	nsec	-	75	150
Absolute Delay	usec	-	3.88	4.0
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

* Input POWER : +10dBm

D2712 Package Dimension



Matching Schematic



C1 = 43pF, L1 = 27nH, C2 = 120pF, L2 = 18nH

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)

