

1. Features

- Typical 1dB bandwidth of 20.9 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

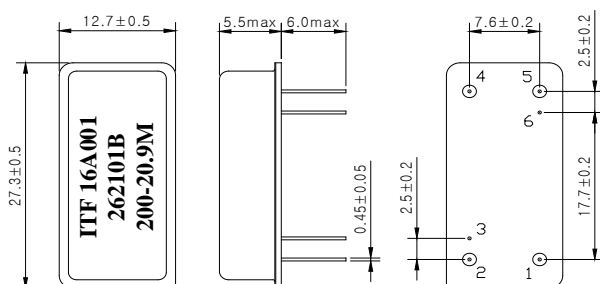
2. Electrical Specifications

Source and Load Impedance = 50

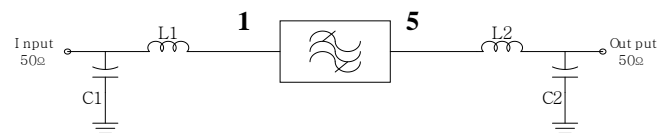
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	200.0	-
Insertion Loss	dB	-	30.6	32.5
1dB Bandwidth	MHz	20.75	20.9	-
3dB Bandwidth	MHz	-	21.18	-
20dB Bandwidth	MHz	-	22.0	-
40dB Bandwidth	MHz	-	22.37	22.5
Amplitude Ripple (fo ± 10.2 MHz)	dB	-	0.6	1.2
Group Delay Variation (fo ± 10.2 MHz)	nsec	-	40	80
Absolute Delay	usec	-	2.76	-
Ultimate Rejection	dB	48	53	-
Input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-	-18	-

* Input POWER : +10dBm

D2712 Package Dimension



Matching Schematic



C1 = 36pF, L1 = L2 = 22nH, C2 = 33pF

Pin Configuration

	1	Ground	2, 4
Input	1	Ground	2, 4
Output	5	Others	Ground

Dimensions shown are nominal in millimeters

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

3. Typical Performance (at +25°C)

