

1. Features

- Typical 1dB bandwidth of 20.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

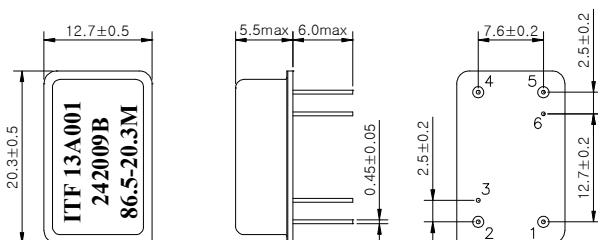
2. Electrical Specifications

Source and Load Impedance = 50Ω

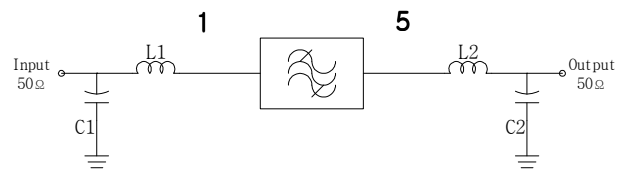
Operating Temperature : -30 °C ~ + 80 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	86.5	-
Insertion Loss	dB	-	22.8	24.5
1dB Bandwidth	MHz	20.2	20.35	-
3dB Bandwidth	MHz	-	20.73	-
40dB Bandwidth	MHz	-	22.39	22.55
Amplitude Ripple (fo±9.508MHz)	dB	-	0.55	1.0
Group Delay Variation (fo±9.508MHz)	nsec	-	30	60
Absolute Delay	usec	-	1.81	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Room Temperature : + 25 °C		Minimum	Typical	Maximum
Insertion Loss	dB	-	22.8	24.5
Amplitude Ripple (fo ± 9.85 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 9.85 MHz)	nsec	-	30	60

D2012 Package Dimension



Matching Schematic



L1 = 100nH, L2 = 82nH, C1 = 12pF, C2 = 10pF

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

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

3. Typical Performance (at +25°C)

