

## 1. Features

- Typical 1dB bandwidth of 19.9 MHz
- Low-Loss Filter
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

Tested by SGS Testing Korea

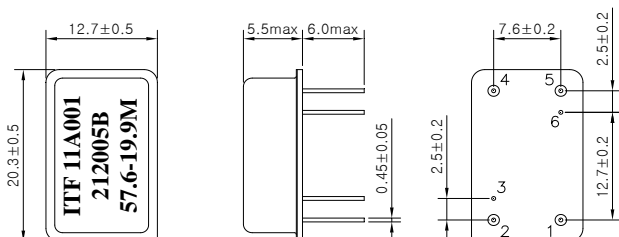
## 2. Electrical Specifications

Source and Load Impedance = 50

Operating Temperature : -30°C ~ +80°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	57.6	-
Insertion Loss	dB	-	19.0	21.5
1dB Bandwidth	MHz	19.5	19.9	-
3dB Bandwidth	MHz	-	20.4	-
40dB Bandwidth	MHz	-	22.9	23.3
Amplitude Ripple (fo ± 9.22 MHz)	dB	-	0.35	1.0
Group Delay Variation (fo ± 9.22 MHz)	nsec	-	40	80
Absolute Delay	usec	-	1.54	-
Ultimate Rejection	dB	40	46	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	19.0	21.0
Amplitude Ripple (fo ± 9.5 MHz)	dB	-	0.35	1.0
Group Delay Variation (fo ± 9.5 MHz)	nsec	-	40	80

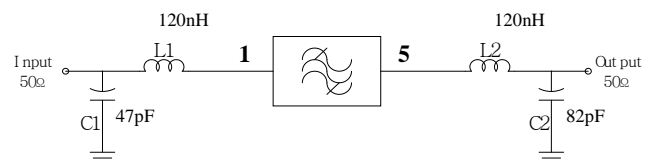
### D2012 Package Dimension



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 Schematic



### Pin Configuration

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

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

