

1. Features

- Typical 1dB bandwidth of 10.0 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

2. Electrical Specifications

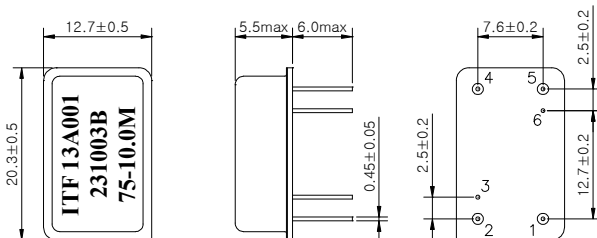
Source and Load Impedance = 50Ω

Operating Temperature : -30°C ~ +80°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	21.5	23.0
1dB Bandwidth	MHz	9.85	10.0	-
3dB Bandwidth	MHz	-	10.34	-
20dB Bandwidth	MHz	-	11.23	11.33
40dB Bandwidth	MHz	-	11.63	11.75
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	40	80
Absolute Delay	usec	-	2.34	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

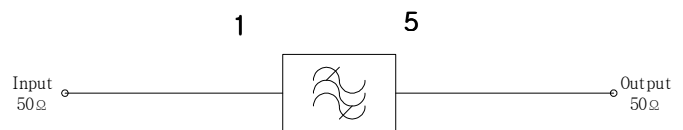
Room Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	21.5	23.0
Amplitude Ripple (fo ± 4.8 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 4.8 MHz)	nsec	-	40	80

Input POWER : +10dBm

D2012 Package Dimension



Matching Schematic



Un Matching Required

Pin Configuration			
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)

