

1. Features

- Typical 1dB bandwidth of 16.0 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

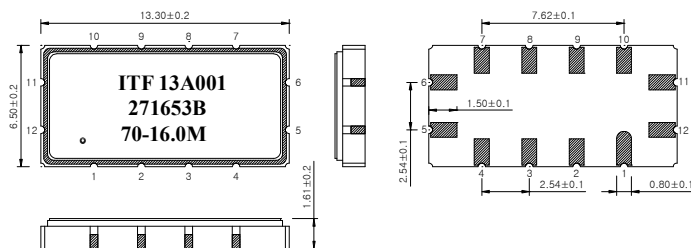
2. Electrical Specifications

Source and Load Impedance = 50Ω

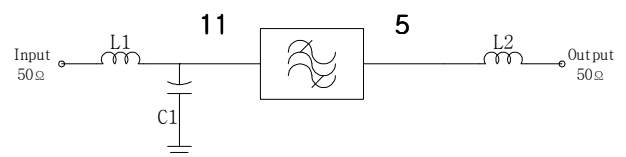
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	24.0	25.5
1dB Bandwidth	MHz	15.8	16.0	-
3dB Bandwidth	MHz	-	16.57	-
40dB Bandwidth	MHz	-	19.0	19.2
Amplitude Ripple (fo ± 7.5 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 7.5 MHz)	nsec	-	40	80
Absolute Delay	usec	-	1.44	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Input POWER : +10dBm

S1365 Package Dimension



Matching Schematic



L1 = L2 = 180nH, C1 = 11pF

Dimensions shown are nominal in millimeters

Body : Al₂O₃
 Lid : Kovar, Ni Plated
 Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Pin Configuration			
Input	11	Ground	6,12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

