

1. Features

- Typical 1dB bandwidth of 20.7 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant
 Tested by SGS Testing Korea

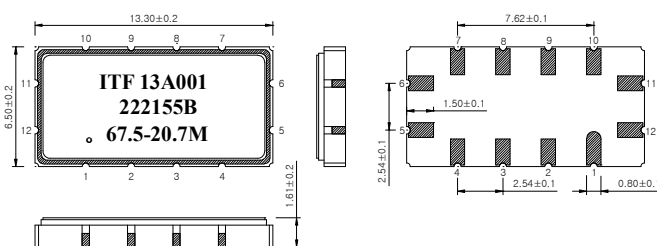
2. Electrical Specifications

Source and Load Impedance = 50Ω

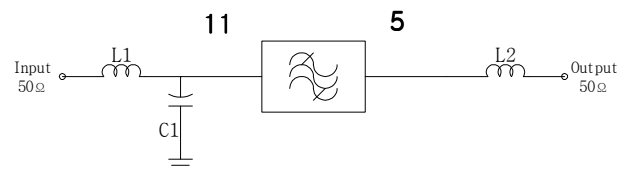
Operating Temperature : 0 °C ~ +85 °C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	67.5	-
Insertion Loss	dB	-	25.5	27.0
1dB Bandwidth	MHz	20.55	20.72	-
3dB Bandwidth	MHz	-	21.21	-
40dB Bandwidth	MHz	-	23.2	23.35
Amplitude Ripple (Fo±9.75MHz)	dB	-	0.65	1.0
Group Delay Variation (Fo±9.75MHz)	nsec	-	30	60
Absolute Delay	usec	-	1.62	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

Room Temperature : +25 °C		Minimum	Typical	Maximum
Insertion Loss	dB	-	25.5	27.0
Amplitude Ripple (Fo±10.04MHz)	dB	-	0.65	1.0
Group Delay Variation (Fo±10.04MHz)	nsec	-	30	60

S1365 Package Dimension



Matching Schematic



L1 = L2 = 220nH, C1 = 10pF

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)

