

1. Features

- Typical 1dB bandwidth of 9.50MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

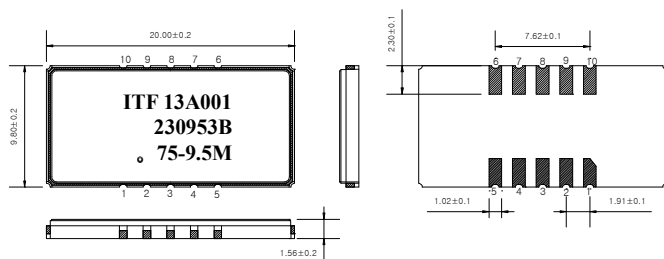
2. Electrical Specifications

Source and Load Impedance = 50Ω

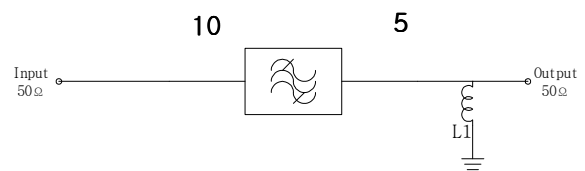
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	20.5	22.0
1 dB Bandwidth	MHz	9.4	9.5	-
3dB Bandwidth	MHz	-	9.8	-
40dB Bandwidth	MHz	-	11.04	11.15
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	60	120
Absolute Delay	usec	-	2.32	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-72		

S2098 Package Dimension



Matching Schematic



L1 = 120nH

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

Pin Configuration			
Input	10	Ground	1,6
Output	5	Others	Ground

3. Typical Performance (at +25°C)

