

1. Features

- Typical 1dB bandwidth of 29.3 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

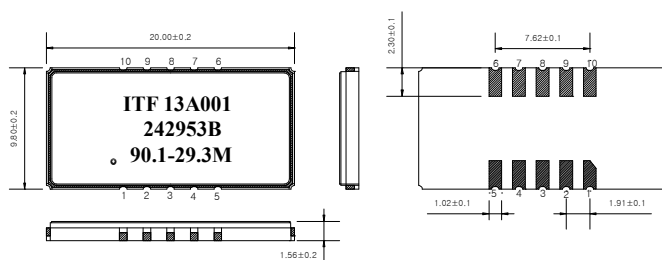
Tested by SGS Testing Korea

2. Electrical Specifications

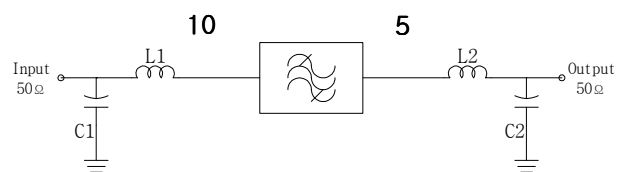
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	90.1	-
Insertion Loss	dB	-	26.5	28.0
1dB Bandwidth	MHz	29.1	29.32	-
3dB Bandwidth	MHz	-	29.66	-
40dB Bandwidth	MHz	-	31.13	31.3
Amplitude Ripple (fo ± 14.22 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 14.22 MHz)	nsec	-	30	60
Absolute Delay	usec	-	1.94	-
Ultimate Rejection	dB	48	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S2098 Package Dimension



Matching Schematic



L1 = L2 = 120nH, C1 = 10pF, C2 = 22pF

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)

