

1. Features

- Typical 1dB bandwidth of 9.2 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

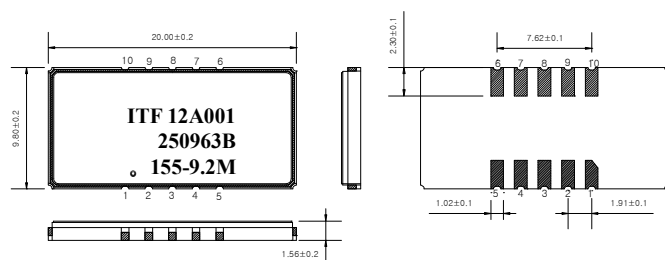
2. Electrical Specifications

Source and Load Impedance = 50Ω

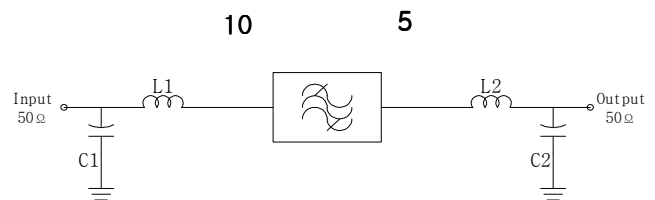
Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	155.0	-
Insertion Loss	dB	-	26.5	28.5
1dB Bandwidth	MHz	9.1	9.23	-
3dB Bandwidth	MHz	-	9.42	-
20dB Bandwidth	MHz	-	10.02	-
40dB Bandwidth	MHz	-	10.4	10.55
Amplitude Ripple (fo ± 4.51 MHz)	dB	-	0.78	1.5
Group Delay Variation (fo ± 4.51 MHz)	nsec	-	80	150
Absolute Delay	usec	-	2.24	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-18	-
Relative Attenuation @edge ± 0.555MHz	dBc	-	23	-

@Edge : 9.02MHz

S2098 Package Dimension



Matching Schematic



L1 = 18nH, L2 = 33nH, C1 = C2 = 30pF

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)

