

1. Features

- Typical 1dB bandwidth of 29.9 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

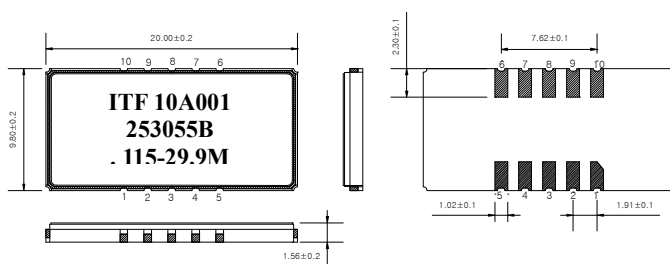
Tested by SGS Testing Korea

2. Electrical Specifications

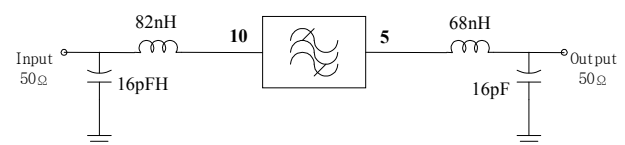
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	115.0	-
Insertion Loss	dB	-	26.5	27.5
1dB Bandwidth	MHz	29.8	29.9	-
3dB Bandwidth	MHz	-	30.18	-
40dB Bandwidth	MHz	-	31.52	31.7
Amplitude Ripple (fo ± 14.75 MHz)	dB	-	0.6	1.0
Group Delay Variation (fo ± 14.75 MHz)	nsec	-	35	60
Absolute Delay	usec	-	1.98	-
Ultimate Rejection	dB	50	52	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S2098 Package Dimension



Matching Schematic



Pin Configuration

Input	10	Ground	1,4
Output	5	Others	Ground

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

3. Typical Performance (at +25°C)

