

1. Features

- Typical 2dB bandwidth of 0.32 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

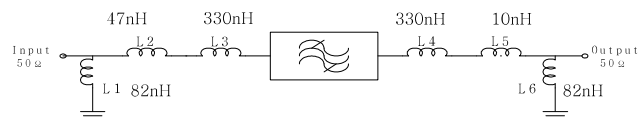
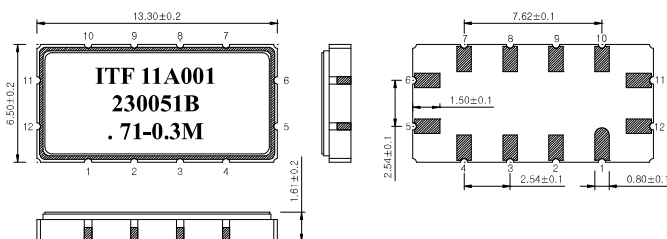
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	71.0	-
Insertion Loss	dB	-	6.5	8.0
2dB Bandwidth	MHz	0.18	0.32	-
3dB Bandwidth	MHz	0.22	0.35	-
5dB Bandwidth	MHz	-	0.38	0.5
20dB Bandwidth	MHz	-	0.56	0.7
30dB Bandwidth	MHz	-	0.72	1.0
35dB Bandwidth	MHz	-	0.81	1.4
Amplitude Ripple (fo ± 0.08 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 0.05 MHz)	nsec	-	200	1500
Absolute Delay	usec	-	2.65	-
Relative Attenuation				
10.0 MHz ~ 68.5 MHz	dB	40	47	-
73.5 MHz ~ 130.0 MHz	dB	40	47	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S1365 Package Dimension

Matching Schematic



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)

