

1. Features

- Typical 1dB bandwidth of 29.8 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

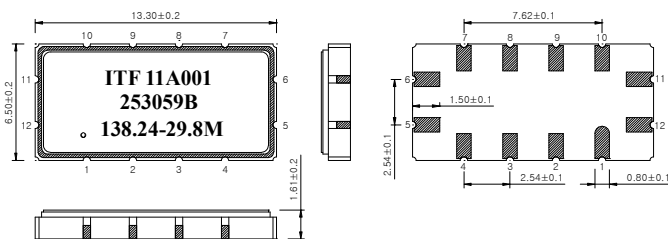
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	138.24	-
Insertion Loss	dB	-	23.5	25.5
1dB Bandwidth	MHz	29.7	29.8	-
3dB Bandwidth	MHz	-	30.25	-
20dB Bandwidth	MHz	-	31.58	31.8
40dB Bandwidth	MHz	-	32.2	32.4
Amplitude Ripple (fo ± 14.5 MHz)	dB	-	0.65	1.0
Group Delay Variation (fo ± 14.5 MHz)	nsec	-	25	60
Absolute Delay	usec	-	1.46	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S1365 Package Dimension



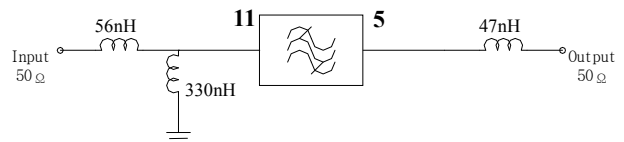
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Matching Schematic



Input	11	Ground	12, 6
Output	5	Others	Ground

3. Typical Performance (at +25°C)

