

1. Features

- Typical 1dB bandwidth of 15.0 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

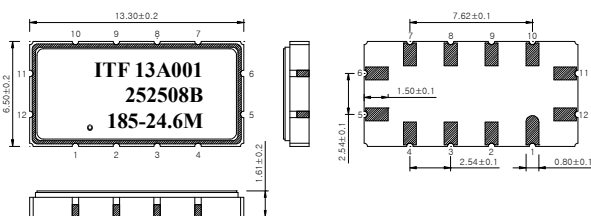
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	23.8	25.0
1dB Bandwidth	MHz	14.9	15.07	-
3dB Bandwidth	MHz	-	15.5	-
40dB Bandwidth	MHz	-	17.3	17.5
Amplitude Ripple (fo ± 7.2 MHz)	dB	-	0.45	1.0
Group Delay Variation (fo ± 7.2 MHz)	nsec	-	35	70
Absolute Delay	usec	-	1.67	-
Ultimate Rejection	dB	45	50	-
Relative attenuation				
Fo ± 8.3MHz	dB	-	16	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

S1365 Package Dimension



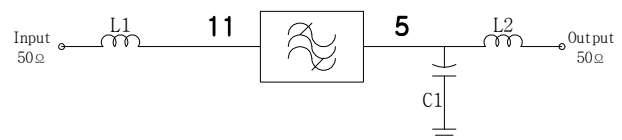
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

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

Matching Schematic



$$L1 = L2 = 120\text{nH}, C1 = 18\text{pF}$$

Pin Configuration			
Input	11	Ground	6, 12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

