

1. Features

- Typical 1dB bandwidth of 9.4 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

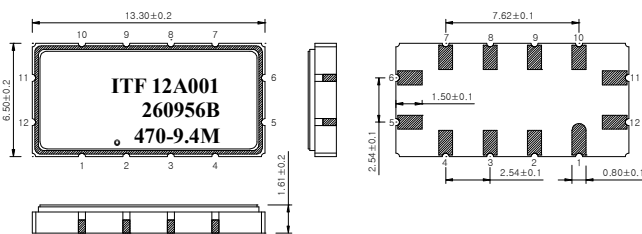
Tested by SGS Testing Korea

2. Electrical Specifications

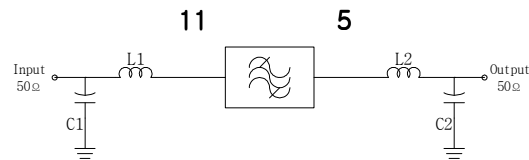
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	470.0	-
Insertion Loss	dB	-	24.0	26.0
1dB Bandwidth	MHz	9.25	9.43	-
3dB Bandwidth	MHz	-	9.59	-
30dB Bandwidth	MHz	-	10.89	11.05
40dB Bandwidth	MHz	-	11.53	-
Amplitude Ripple (fo ± 4.5 MHz)	dB	-	0.65	1.2
Group Delay Variation (fo ± 4.5 MHz)	nsec	-	100	200
Absolute Delay	usec	-	1.81	-
Ultimate Rejection	dB	35	45	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S1365 Package Dimension



Matching Schematic



L1 = L2 = 12nH

C1 = 12pF, C2 = 33pF

Pin Configuration

Pin Configuration			
Input	11	Ground	6,12
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)

