

1. Features

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

RoHS Compliant

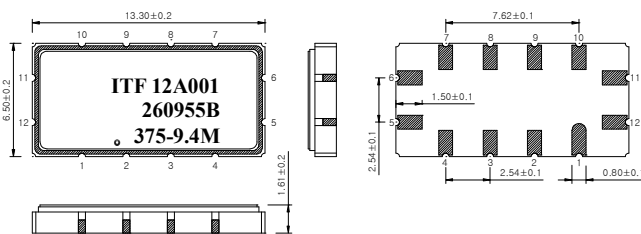
Tested by SGS Testing Korea

2. Electrical Specifications

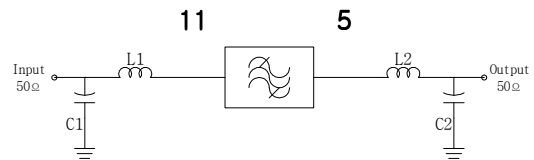
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	375.0	-
Insertion Loss	dB	-	25.3	27.0
1dB Bandwidth	MHz	9.25	9.40	-
3dB Bandwidth	MHz	-	9.69	-
30dB Bandwidth	MHz	-	10.82	11.05
40dB Bandwidth	MHz	-	11.29	-
Amplitude Ripple (fo ± 4.51 MHz)	dB	-	0.8	1.5
Group Delay Variation (fo ± 4.51 MHz)	nsec	-	97	200
Absolute Delay	usec	-	1.61	-
Ultimate Rejection	usec	35	45	-
Temperature Coefficient of Frequency	ppm/°C ²	-	0.03	-

S1365 Package Dimension



Matching Schematic



L1 = 15nH, L2 = 22nH

C1 = 18pF, C2 = 30pF

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

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

3. Typical Performance (at +25°C)

