

1. Features

- Typical 1dB bandwidth of 28.35 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

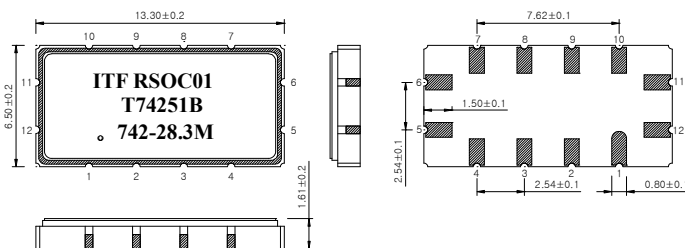
Tested by SGS Testing Korea

2. Electrical Specifications

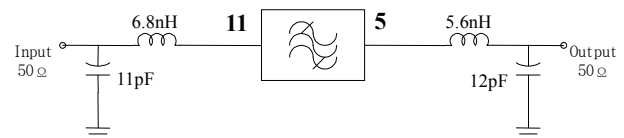
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	742.0	-
Insertion Loss	dB	-	29.0	31.0
1dB Bandwidth	MHz	28.0	28.35	-
3dB Bandwidth	MHz	-	29.06	-
35dB Bandwidth	MHz	-	32.0	32.3
40dB Bandwidth	MHz	-	32.3	-
Amplitude Ripple (fo ± 14.0 MHz)	dB	-	0.8	1.4
Group Delay Variation (fo ± 14.0 MHz)	nsec	-	35	80
Absolute Delay	usec	-	1.21	-
Relative Attenuation				
728.0 MHz – 2.0 MHz	dB	20	30	-
756.0 MHz + 2.0 MHz	dB	20	40	-
Ultimate Rejection	dB	-	40	-
Temperature Coefficient of Frequency	ppm/°C ²	-0.03		

S1365 Package Dimension



Matching Network Configuration



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)

