

1. Features

- Typical 1dB bandwidth of 24.6 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

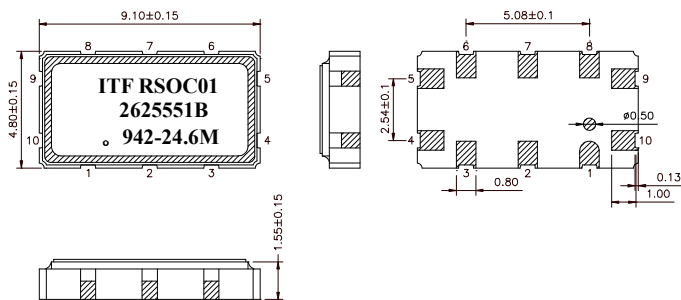
2. Electrical Specifications

Source and Load Impedance = 50Ω

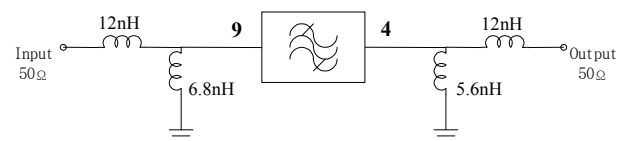
Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	942.0	-
Insertion Loss	dB	-	27.3	29.5
1dB Bandwidth	MHz	24.2	24.6	-
3dB Bandwidth	MHz	-	25.45	-
30dB Bandwidth	MHz	-	28.25	28.55
Amplitude Ripple (fo ± 12.0 MHz)	dB	-	1.1	1.6
Group Delay Variation (fo ± 12.0 MHz)	nsec	-	50	120
Absolute Delay	usec	-	0.94	-
Ultimate Rejection (fo ± 16.5 MHz)	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C ²	-0.03		

S9148 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

	11	Ground	6, 12
Input			
Output	5	Others	Ground

3. Typical Performance (at +25°C)

