

1. Features

- Typical 1dB bandwidth of 0.7 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

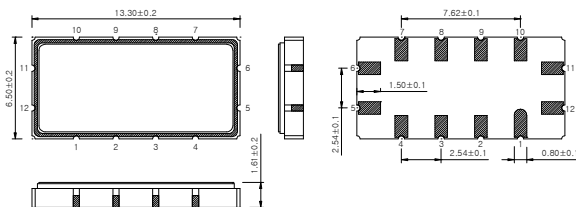
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	200.0	-
Insertion Loss	dB	-	9.0	12.0
1dB Bandwidth	MHz	0.45	0.75	-
3dB Bandwidth	MHz	-	1.05	-
40dB Bandwidth	MHz	-	2.1	2.4
Amplitude Ripple (fo ± 0.12 MHz)	dB	-	0.2	1.0
Group Delay Variation (fo ± 0.12 MHz)	nsec	-	100	200
Absolute Delay	usec	-	1.06	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S1365 Package Dimension



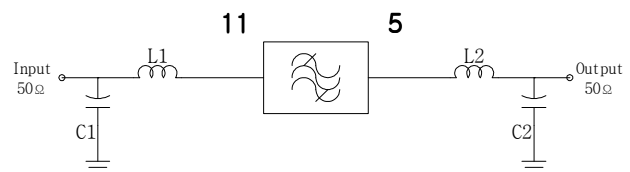
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

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

Matching Schematic



$$L1 = L2 = 39\text{nH}, C1 = 43\text{pF}, C2 = 39\text{pF}$$

Pin Configuration

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

3. Typical Performance (at +25°C)

