

1. Features

- Typical 1dB bandwidth of 32.25 MHz
- Low-Loss Filter
- Single Ended Operation
- Ceramic Surface Mount Device(SMD) Package

RoHS Compliant

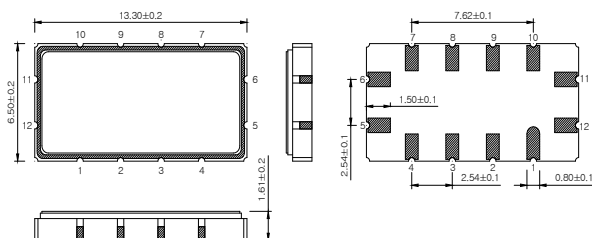
Tested by SGS Testing Korea

2. Electrical Specifications

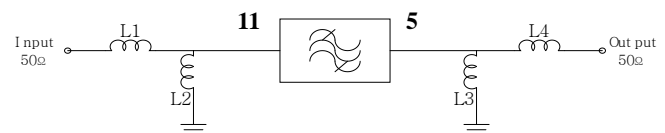
Source and Load Impedance = 50

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	300.0	-
Insertion Loss	dB	-	14.0	16.5
1dB Bandwidth	MHz	31.8	32.25	-
3dB Bandwidth	MHz	-	34.06	-
40dB Bandwidth	MHz	-	41.65	42.0
Amplitude Ripple (fo ± 15.2 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 15.2 MHz)	nsec	-	25	60
Absolute Delay	usec	-	0.59	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

S1365 Package Dimension



Matching Schematic



L1 = 33nH, L2 = 47nH, L3 = 120nH, L4 = 56nH

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)

