

**RoHS Compliant**

### 1. Features

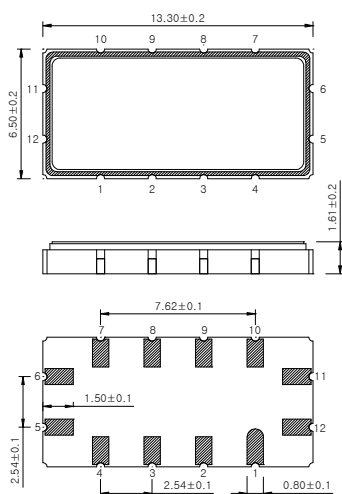
- IF Bandpass Filter
- Low-Loss Filter
- Single Ended Operation

### 2. Electrical Specifications

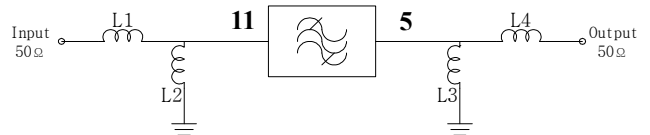
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	300.0	-
Insertion Loss	dB	-	15.5	16.5
1dB Bandwidth	MHz	31.8	32.25	-
3dB Bandwidth	MHz	-	34.18	-
40dB Bandwidth	MHz	-	41.7	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	46	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

#### S1365 Package Dimension



#### Matching Network Configuration



**L1 = L2 = 39nH, L3 = 100nH, L4 = 68nH**

#### Pin Configuration

Pin Configuration			
<b>Input</b>	<b>11</b>	<b>Ground</b>	<b>6, 12</b>
<b>Output</b>	<b>5</b>	<b>Others</b>	<b>Ground</b>

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### 3. Typical Performance ( at +25°C )

