

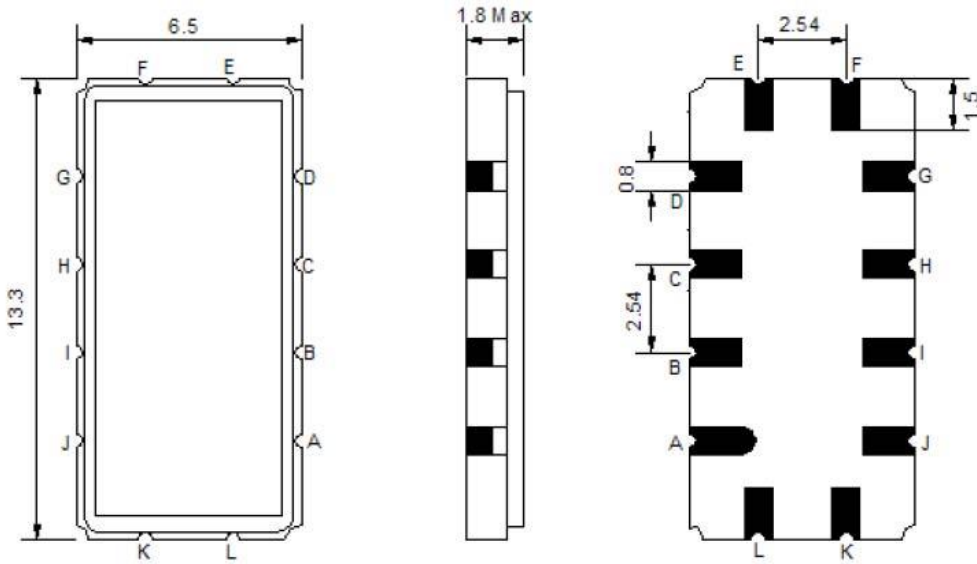


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	153.6	-
Insertion Loss at Fo	dB	-	12.5	15.0
Amplitude Ripple Variation (Fo ± 16.0 MHz)	dB <sub>p-p</sub>	-	0.5	1.0
Group Delay Variation (Fo ± 16.0 MHz)	nsec	-	25	80
Phase Ripple <rms> (Fo ± 16.0 MHz)	Deg	-	1.1	1.5
Phase Ripple <p-p> (Fo ± 16.0 MHz)	Deg	-	6.0	10.0
Absolute Delay at Fo	µsec	-	0.34	0.60
Input/Output Return Loss	dB	-	6.0	-
Temperature Coefficient	ppm/°C	-	-86	-
Bandwidth at 1.0 dB	MHz	35.0	37.0	-
Bandwidth at 40.0 dB	MHz	-	54.0	57.0
<b>Relative Attenuation:</b>				
70 ~ 115 MHz	dB	40	52	-
115 ~ 125 MHz	dB	40	50	-
275 ~ 350 MHz	dB	40	48	-
400 ~ 1000 MHz	dB	40	50	-
1000 ~ 2000 MHz	dB	40	48	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-10	-	+80
Operable Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-30	-	+85
Maximum Input Power	dBm	-	-	5
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	13.3 x 6.5 x 1.8 mm V			

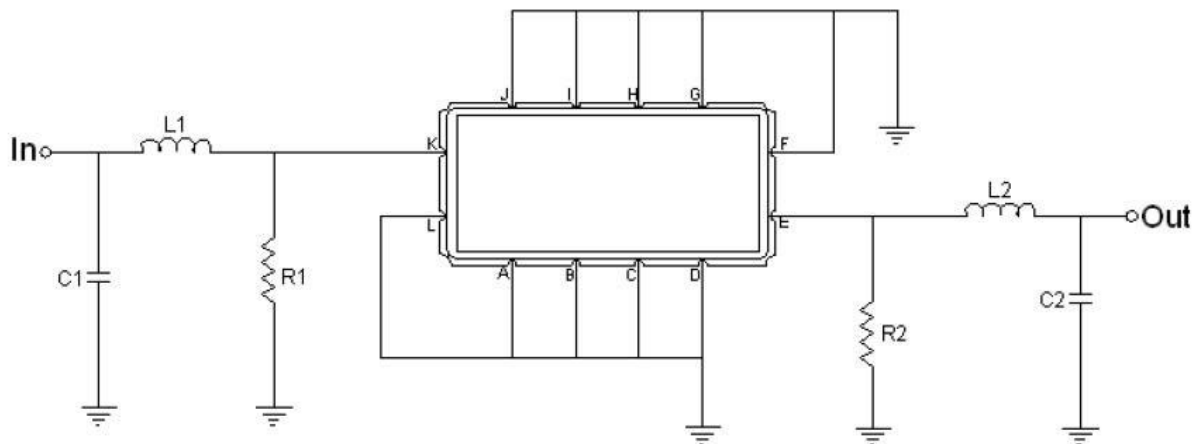


**Outline Drawing:**



Pin Description	
Ground	A B C D F G H I J L
Input	K
Output	E

**Testing Environment:**



Test Fixture & Values	
Input	L1= T.B.D, C1= T.B.D, R1=T.B.D
Output	L2= T.B.D, C2= T.B.D, R2=T.B.D