

Maximum Ratings

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30-	-	80
Storage Temperature Range	°C	-40	-	85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	Y			
Length x Width	mm ²	-	24.7 x 9.0	-
Height	mm	-	-	2.34

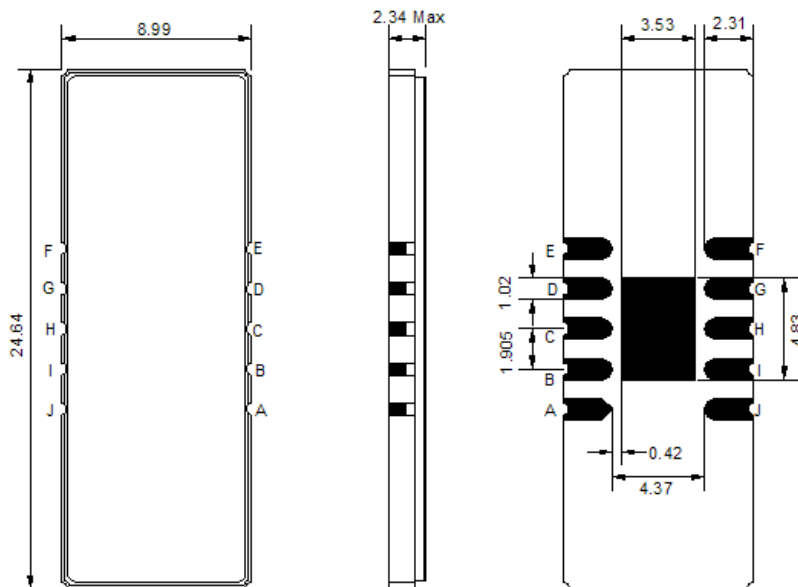
Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	70.0	-
Insertion Loss at Fo	dB	-	8.5	12.0
Amplitude Ripple Variation at Fo ±50.0 KHz	dB _{p-p}	-	0.4	1.0
Absolute Delay at Fo	μsec	-	3.22	-
IN/OUT Return Loss at Fo	dB	-	-	-
Temperature Coefficient	ppm/°C	-	-0.03	-
Bandwidth at -3.0 dB	MHz	0.25	0.33	-
Bandwidth at -50.0 dB	MHz	-	0.98	1.1
Relative Attenuation:				
10.0 ~ 69.2 MHz	dB	50	57	-
70.8 ~ 110.0 MHz	dB	50	57	-

Notes : (1) With Matching Network (Ref. Testing Environment Circuit as shown below).

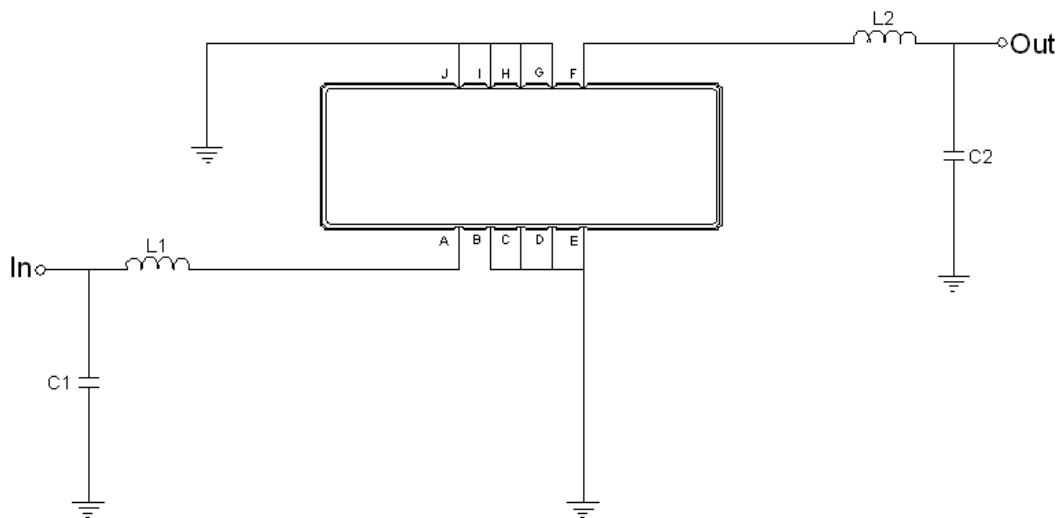
Those impedances could be modified with different impedance values and/or structures, if necessary.

Package Dimensions



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

Testing Environment



Test Fixture & Values	
Input	L1=200nH Q >40 , C1=100pF
Output	L2=180nH Q.>40 , C2=51pF
Source/Load Impedance	50 Ω

Frequency Response

