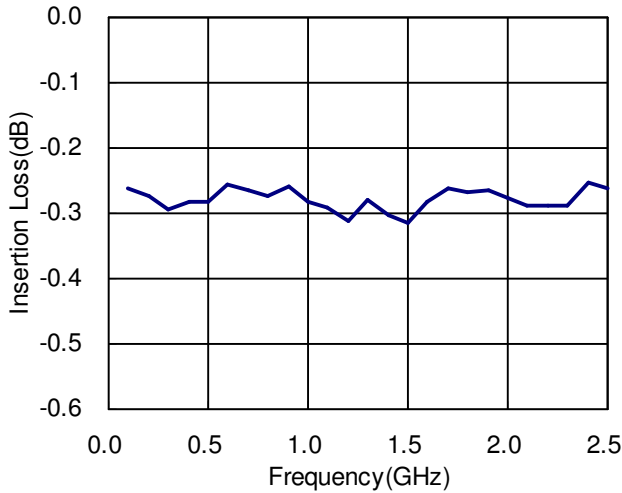


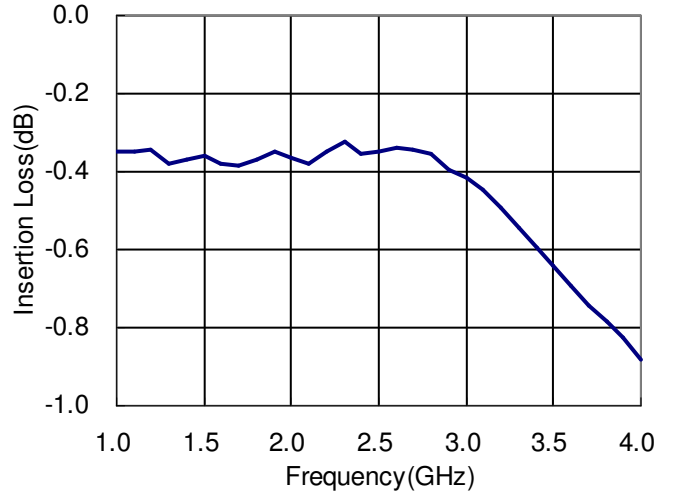
Typical Performance Data With Application Circuit A @ +25 °C

Typical Performance Data With Application Circuit B @ +25 °C

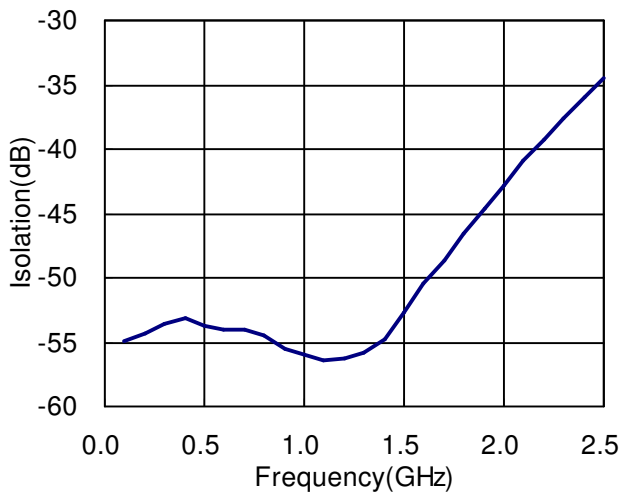
Insertion Loss vs Frequency



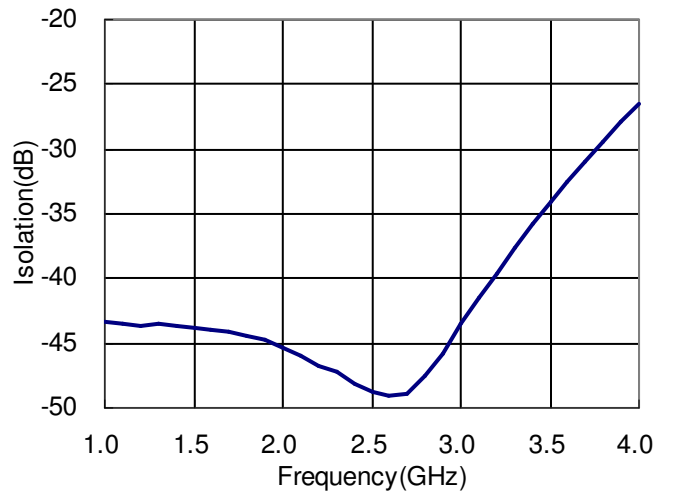
Insertion Loss vs Frequency



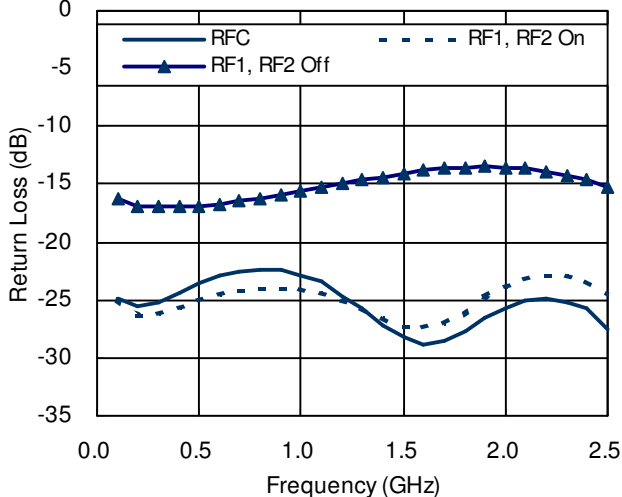
Isolation vs Frequency



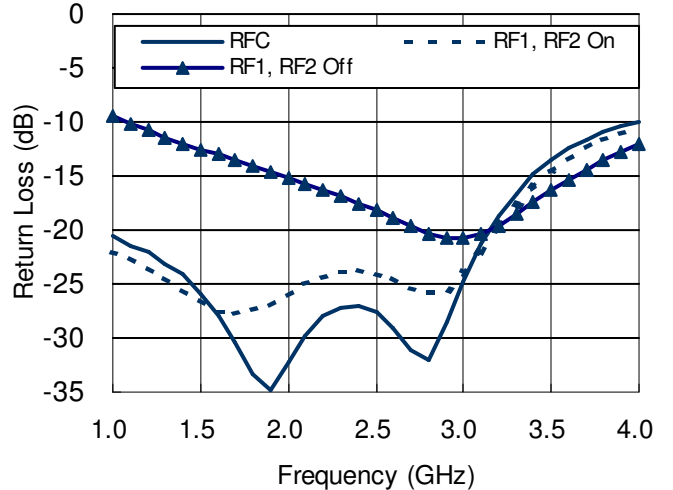
Isolation vs Frequency



Return Loss vs Frequency



Return Loss vs Frequency



Absolute Maximum Ratings

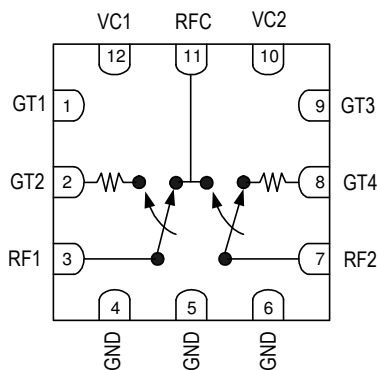
Parameter	Absolute Maximum
RF Input Power	+32 dBm @ +5V
Control Voltage	+6V
Operating Temperature	-40°C to +85°C
Storage Temperature	-65°C to +150°C

Logic Table for Switch On-Path

VC1	VC2	RFC-RF1	RFC-RF2
0	1	Insertion Loss	Isolation
1	0	Isolation	Insertion Loss

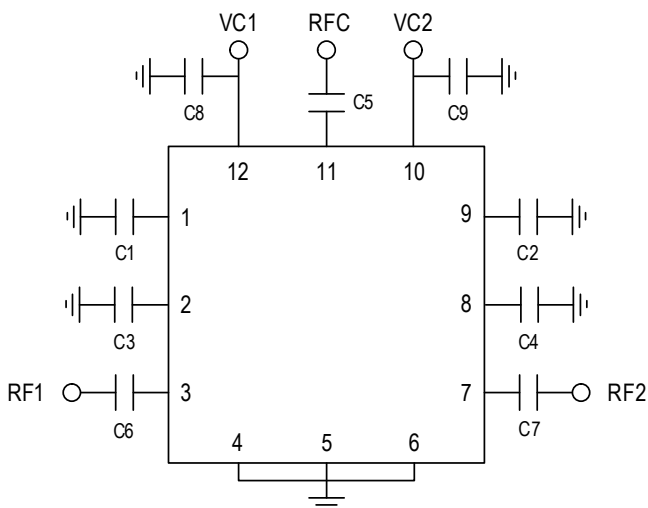
'1' = +3V to +5V
'0' = 0V to +0.2V

Pin Out (Top View)



Exposed pad in the bottom must be connected to ground by via holes.

Application Circuits



Component Values:

Circuit	C1, C2	C3, C4	C5, C6, C7	C8, C9
A	47pF	330pF	1000pF	47pF
B	2pF	4pF	47pF	47pF

Note: Circuit A and B are optimized for DC-1.5 GHz and 1.5-3.0 GHz, respectively.