

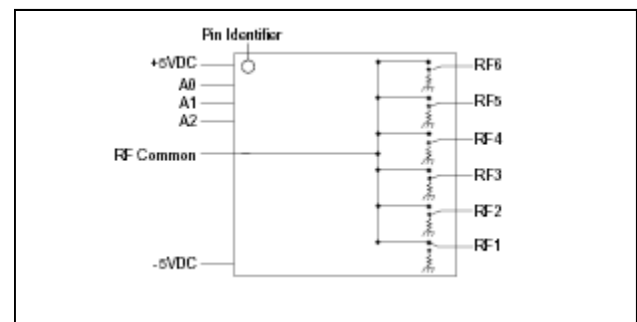
Operating Characteristics

Impedance	50 Ohms Nominal		
Switching Characteristics Trise, Tfall (10% to 90% RF) Ton, Toff (50% CTL to 90% / 10% RF) Transients (In-Band)	3.0 ns Typ 180 ns Typ 150 mV Typ		
Input Power for 1 dB Compression 0.5-2.0 GHz 0.05 GHz	23 dBm Typ 21 dBm Typ		
Intermodulation Intercept Point (for two-tone input power up to +5 dBm			
Intercept Points	IP2	IP3	
0.5-2.0 GHz 0.05 GHz	+60 +53	+45 +35	dBm Typ dBm Typ
Bias Power			-5 VDC @ 2 mA Max +5 VDC @ 1 mA Max
Control Voltages Vin Low (0) Vin Hi (1)			0.0 to 1.5V @ 1 μA Max 3.5 to 5.0V @ 1 μA Max

Truth Table

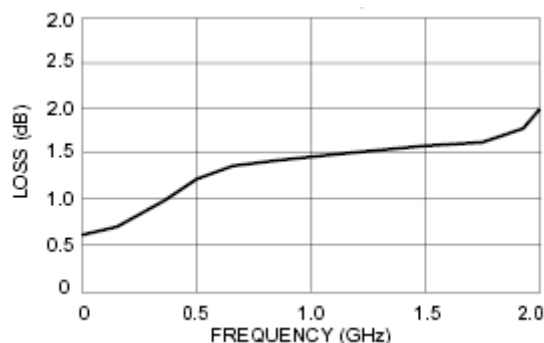
Control Input			Condition of Switch
A2	A1	A0	RF Common to
0	0	1	RF1
0	1	0	RF2
0	1	1	RF3
1	0	0	RF4
1	0	1	RF5
1	1	0	RF6

Functional Schematic (Top View)

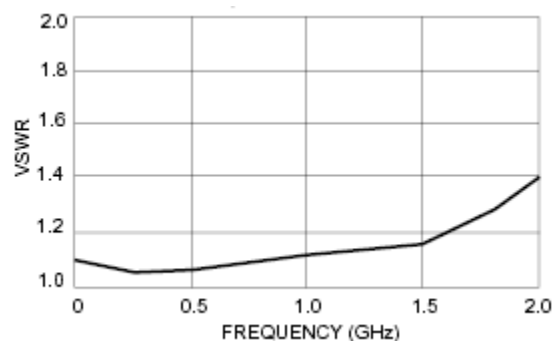


Typical Performance

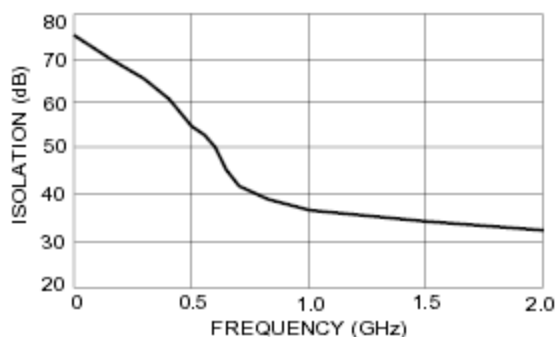
Insertion Loss vs. Frequency



VSWR vs. Frequency



Isolation vs. Frequency



Ordering Information

Part Number	Package
SW-284 PIN	Flatpack