Ordering number : ENNOUND 3204供应商



SPM3204

RF Switch MMIC

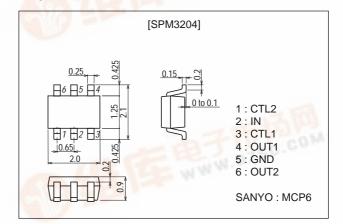
Features

- Control voltage +3 / 0V.
- · MCP package.
- · Low Insertion loss.
- · High isolation.
- · High linearity.
- · Low VSWR.

Package Dimensions

unit : mm 1297

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Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Ratings	Unit
Control Voltage	VCTL	5.0	V
Power Dissipation	PD	150	mW
Storage Temperature	Tstg	-55 to +150	°C
Operating Temperature	Topg	-20 to +70	°C

Electrical Characteristics at Ta=25°C Control Voltage 1, 2:0/+3V

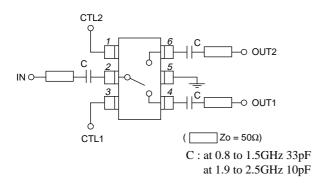
Conditions		Mary .	Rathing		
		min	typ	max	Unit
	f=1GHz		0.55	0.85	dB
IN-OUT1, IN-OUT2	f=2GHz		0.6	0.9	dB
"-T-TD	f=2.5GHz		0.65	0.95	dB
IN-OUT1, IN-OUT2	f=1GHz	21	24		dB
	f=2GHz	17	20		dB
	f=2.5GHz	15	18		dB
IN-OUT1, IN-OUT2	f=1GHz to 2.5GHz		1.1	1.5	
	f=1GHz to 2.5GHz		20	100	ns
IN-OUT1, IN-OUT2	f=1GHz to 2.5GHz	26	30	FI 3/	dBm
	IN-OUT1, IN-OUT2	f=1GHz f=2GHz f=2.5GHz f=1GHz f=2.5GHz f=1GHz f=2.5GHz f=2.5GHz f=2.5GHz f=2.5GHz f=2.5GHz f=1GHz to 2.5GHz f=1GHz to 2.	IN-OUT1, IN-OUT2 f=1GHz f=2.5GHz f=2.5GHz IN-OUT1, IN-OUT2 f=2GHz 17 f=2.5GHz 15 IN-OUT1, IN-OUT2 f=1GHz to 2.5GHz f=1GHz	Conditions min typ 0.55	Conditions min typ max

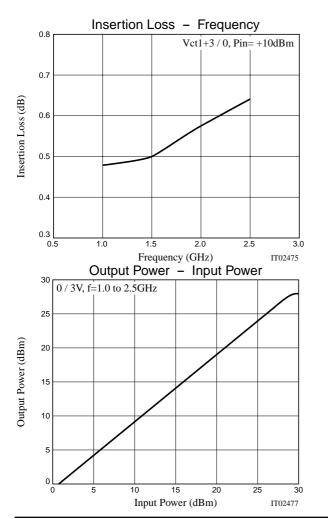
Marking: MM4

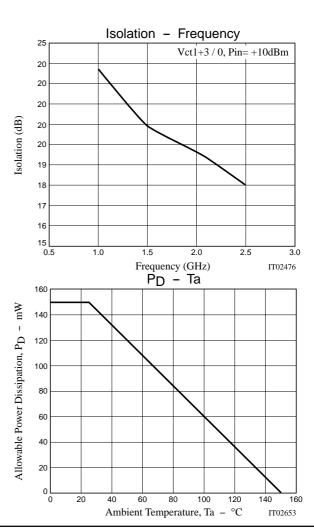
CTL1	CTL2	
+3V	0V	IN → OUT1
0	+3V	IN → OUT2

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Application Circuit







SPM3204

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