

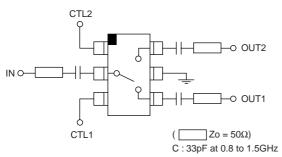


SPDT Switch

Features and Applications

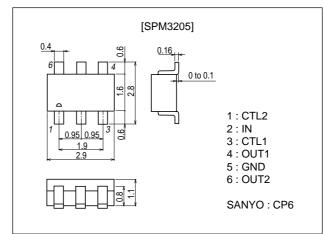
- Control voltage +3 / 0V.
- · CP package.

Application Circuit



Package Dimensions

unit : mm 1298



Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Ratings	Unit
Control Voltage	VCTL	5	V
Storage Temperature	Tstg	-55 to +150	°C
Operating Temperature	Topr	-20 to +85	°C

Electrical Characteristics at Ta=25°C, f = 810 to 1033MHz

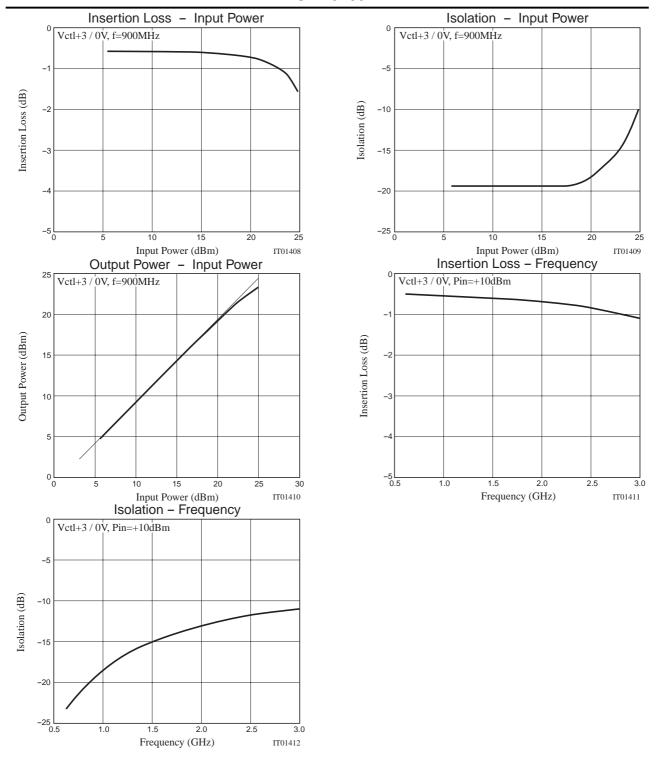
Parameter	Conditions		Ratings		
Farameter	Conditions	min	typ	max	Unit
Insertion Loss	IN-OUT1, IN-OUT2 Vctl+2.4 to +3.0 / 0V		0.55	0.85	dB
Isolation	IN-OUT1, IN-OUT2 Vctl+2.4 to +3.0 / 0V	15	20		dB
VSWR	IN-OUT1, IN-OUT2 Vctl+2.4 to +3.0 / 0V		1.3	1.5	
Switching Time	Vctl+2.4 to +3.0 / 0V		20	100	ns
Control Current	Ctl1, Ctl2 Vctl+2.4 to +3.0 / 0V		0.1	10	μΑ
Po1dB	IN-OUT1, IN-OUT2 Vctl+2.4 / 0V	8	15		dBm
Po1dB	IN-OUT1, IN-OUT2 Vctl+3.0 / 0V	15	20		dBm

Marking: MM

CTL1	CTL2	
+2.4 to +3.0V	0V	IN → OUT1
0V	+2.4 to +3.0V	IN → OUT2

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