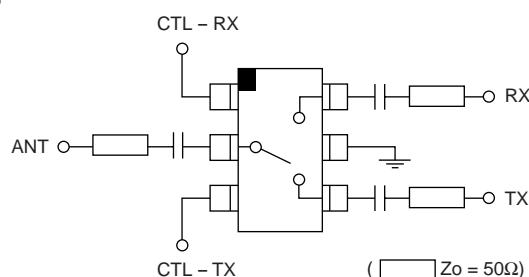


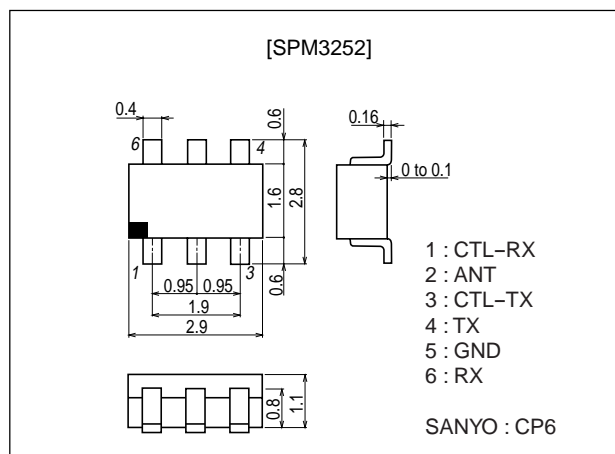
**SANYO****SPDT Switch****Features and Applications**

- Control voltage +3 / 0V.
- Miniature mold package.
- Low loss and high linearity by adopting  $\chi$ -structure, thus allows this device to be best suited for input / output power.

**Application Circuit****Package Dimensions**

unit : mm

1273

**Specifications****Absolute Maximum Ratings** at  $T_a=25^\circ\text{C}$ 

Parameter	Symbol	Ratings	Unit
Control Voltage	$V_{CTL}$	5	V
Storage Temperature	$T_{stg}$	-55 to +150	$^\circ\text{C}$
Operating Temperature	$T_{opr}$	-20 to +70	$^\circ\text{C}$

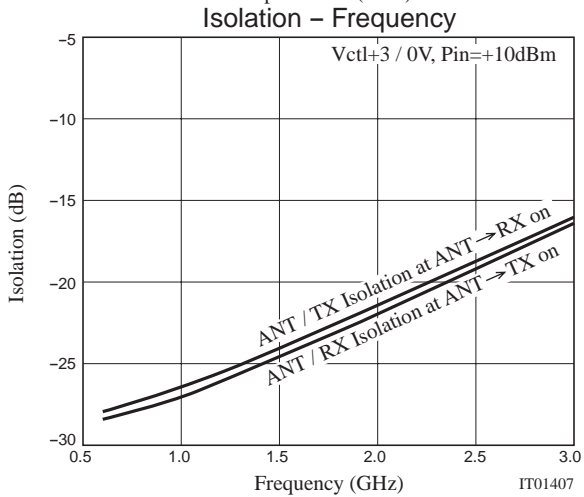
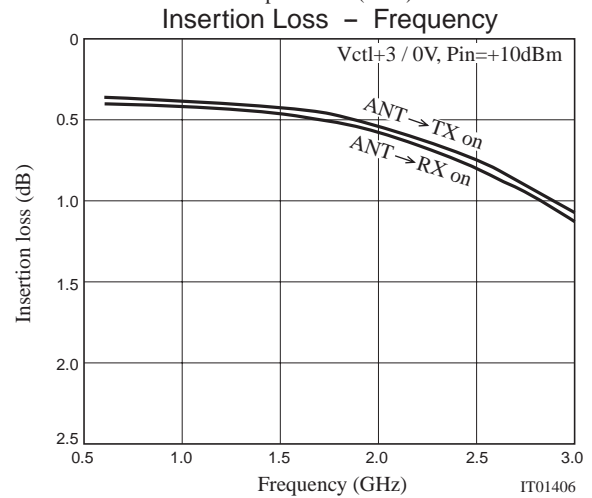
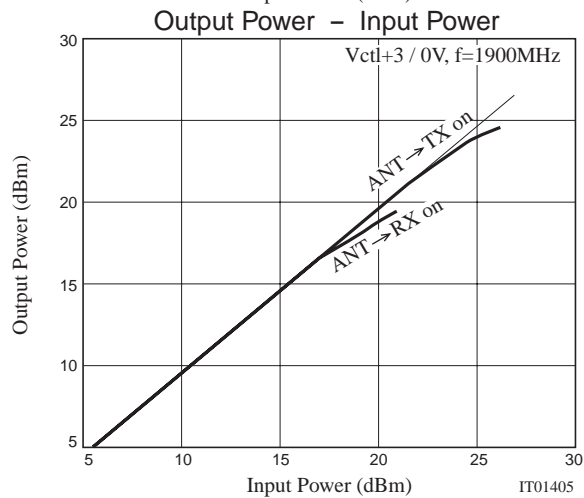
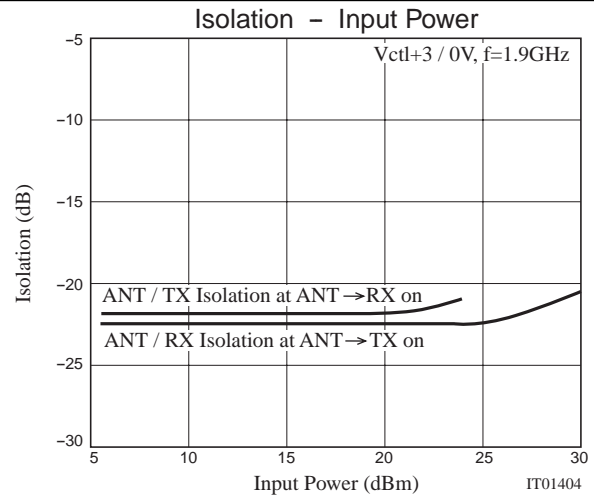
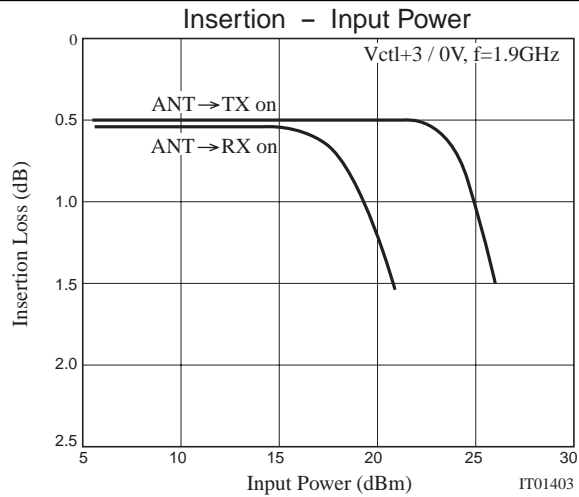
**Electrical Characteristics** at  $T_a=25^\circ\text{C}$ 

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Insertion Loss	TX - ANT	$f=1.9\text{GHz}$		0.6	0.9	dB
	ANT - RX	Control voltage +3 / 0V		0.65	0.95	dB
Isolation	TX - ANT	$f=1.9\text{GHz}$	20	22		dB
	ANT - RX	Control voltage +3 / 0V	20	22		dB
VSWR		$f=1.9\text{GHz}$		1.4	2.0	-
Switching Time	$T_{sw}$			20		ns
Pol dB	TX	$f=1.9\text{GHz}$		24		dBm
	RX	Control voltage +3 / 0V		20		dBm

Marking : MH

CTX-TX	CTL-RX	
+3V	0V	TX → ANT
0V	+3V	ANT → RX

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