



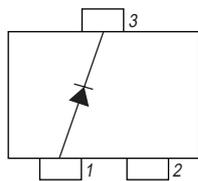
1SV294

Variable Resistance Attenuator Use

Features

- Small-sized package facilitates high-density mounting and permits 1SV294-applied equipment to be made smaller.
- Small interterminal capacitance (C=0.23pF typ).

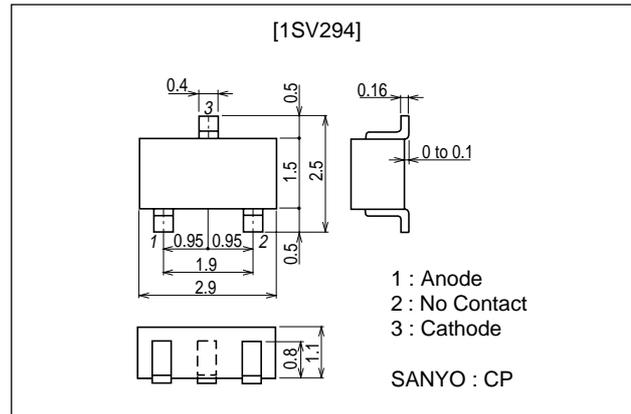
Electrical Connection



1 : Anode
2 : No Contact
3 : Cathode

Package Dimensions

unit : mm
1148A



1 : Anode
2 : No Contact
3 : Cathode

SANYO : CP

Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Ratings	Unit
Reverse Voltage	V_R	50	V
Forward Current	I_F	50	mA
Allowable Power Dissipation	P	150	mW
Junction Temperature	T_J	125	°C
Storage Temperature	T_{stg}	-55 to + 125	°C

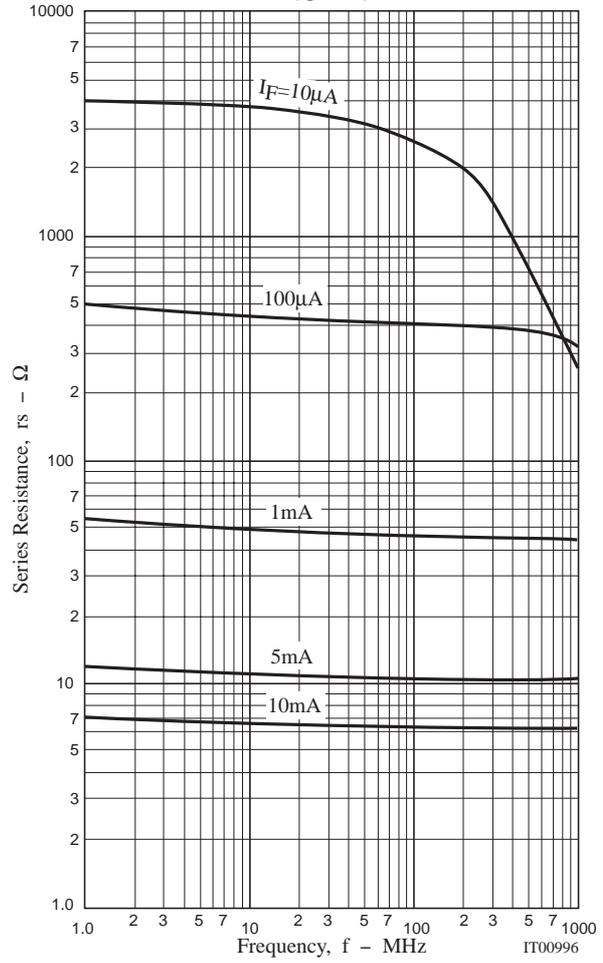
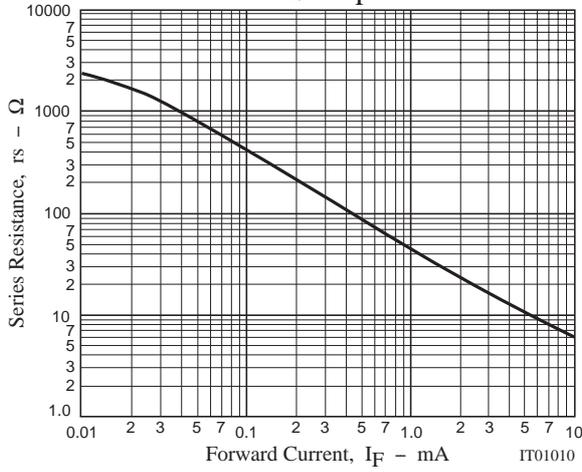
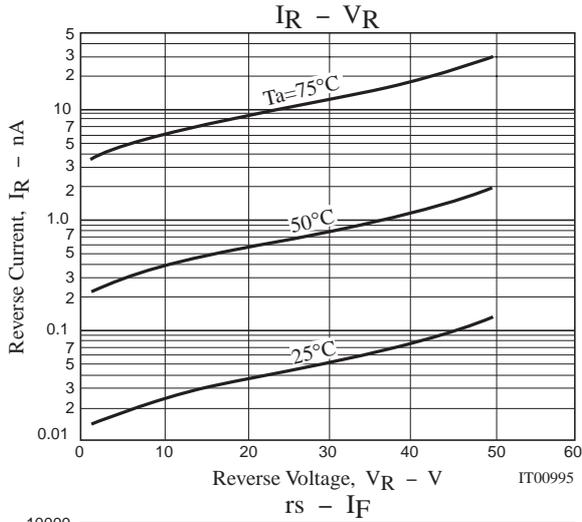
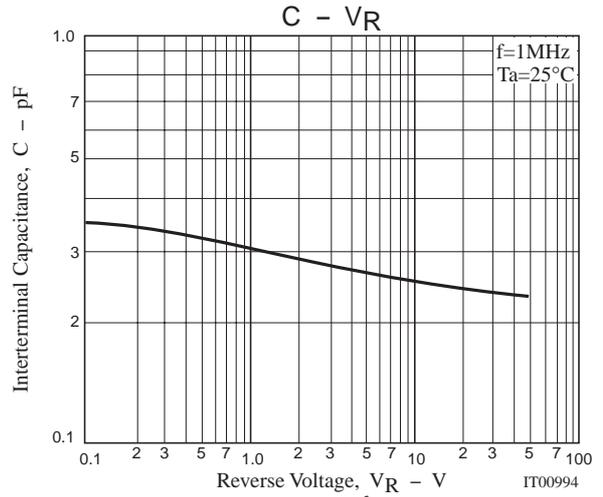
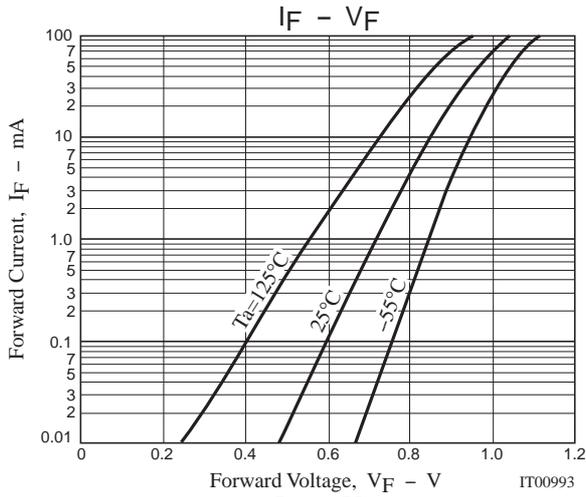
Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	V_R	$I_R=10\mu A$	50			V
Reverse Current	I_R	$V_R=50V$			0.1	μA
Forward Voltage	V_F	$I_F=50mA$	0.92		0.97	V
Interterminal Capacitance	C	$V_R=50V, f=1MHz$		0.23		pF
Series Resistance	r_s	$I_F=10\mu A, f=100MHz$		2400		Ω
		$I_F=10mA, f=100MHz$	5		7	Ω

Note)The specifications shown above are for each individual diode.

Marking : PV

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