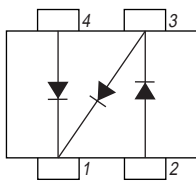


**1SV298H** **$\pi$  Type Attenuator Applications****Preliminary****Features**

- Composite type with 3 diodes contained in the CPH package currently in use, improving the mounting efficiency greatly.
- Small interterminal capacitance ( $C=0.23\text{pF}$  typ).

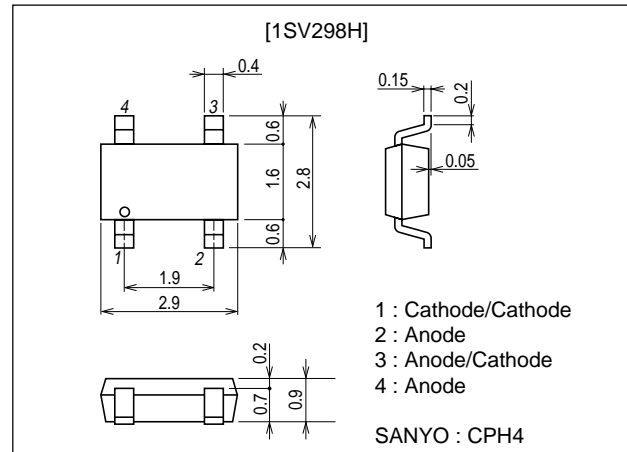
**Electrical Connection**

- 1 : Cathode / Cathode  
 2 : Anode  
 3 : Anode / Cathode  
 4 : Anode

**Package Dimensions**

unit : mm

1307

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

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	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	-55 to +125	$^\circ\text{C}$

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

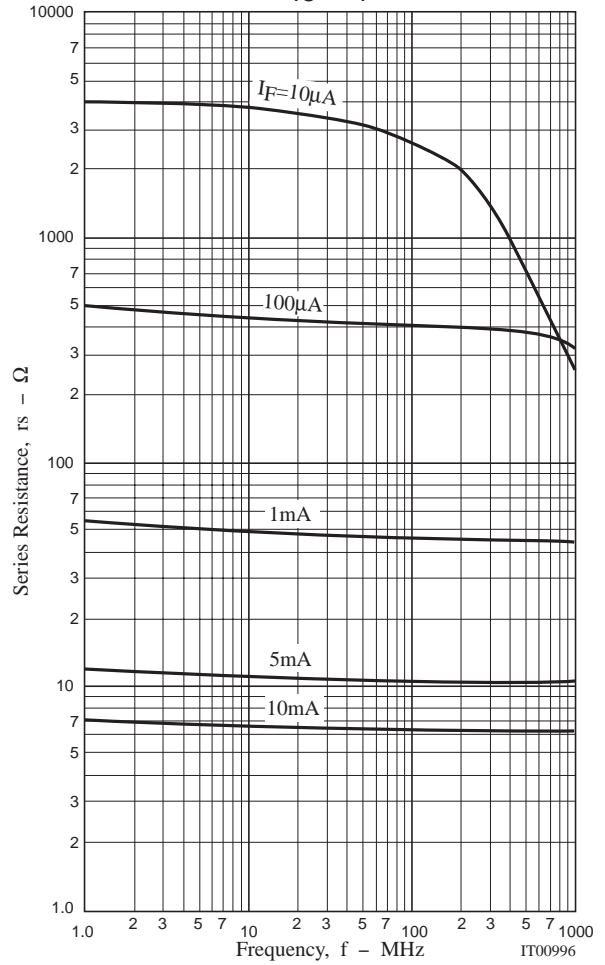
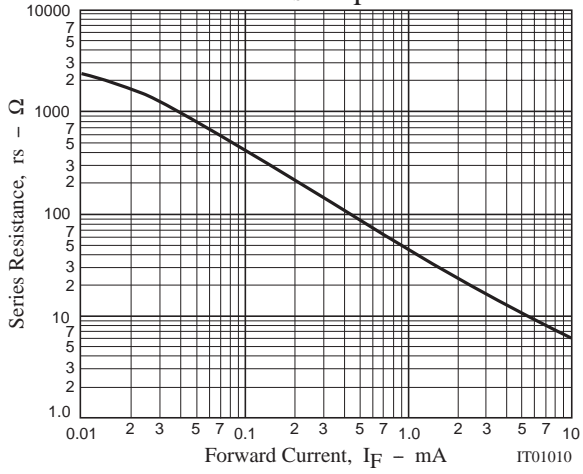
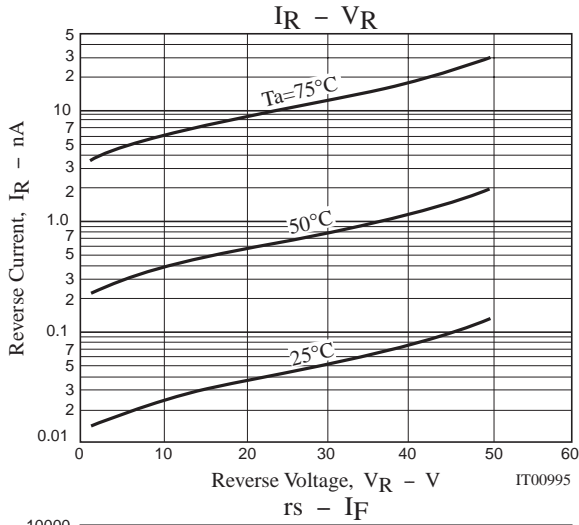
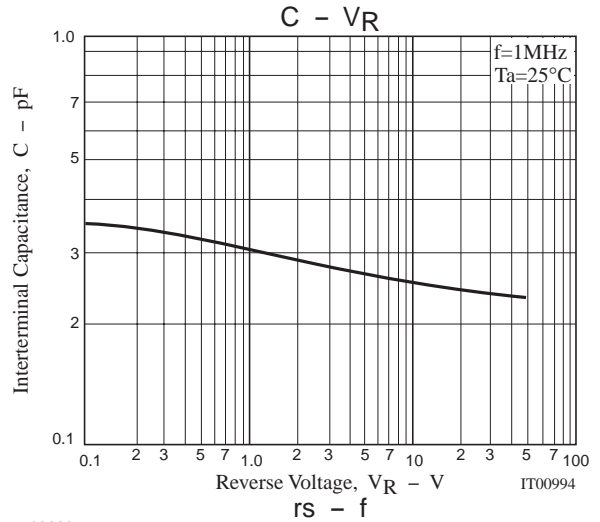
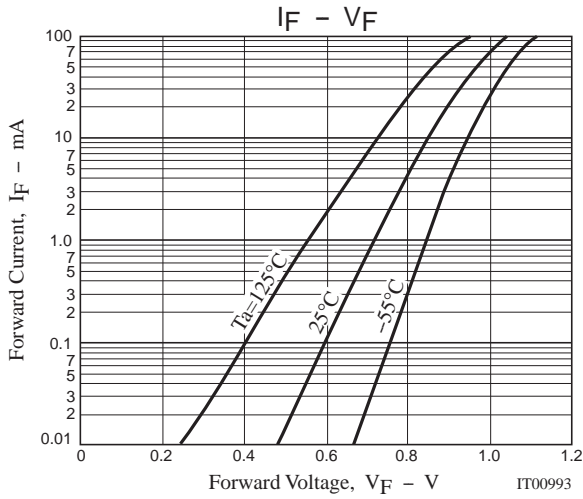
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	$V_R$	$I_R=10\mu\text{A}$	50			V
Reverse Current	$I_R$	$V_R=50\text{V}$			0.1	$\mu\text{A}$
Forward Voltage	$V_F$	$I_F=50\text{mA}$	0.92		0.97	V
Interterminal Capacitance	C	$V_R=50\text{V}$ , $f=1\text{MHz}$		0.23		pF
Series Resistance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

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

Marking : VA

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# 1SV298H



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