1SV315

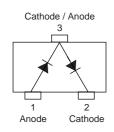


Variabe resistance Attenuator Use

Features

- · Ultrasmall-sized package facilitates high-density mounting and permits 1SV315-applied equipment to be made smaller.
- · Small interterminal capacitance (C=0.23pF typ).

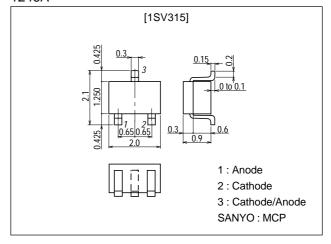
Electrical Connection



Package Dimensions

unit:mm

1246A



Specifications

Absolute Maximum Ratings at Ta = 25°C

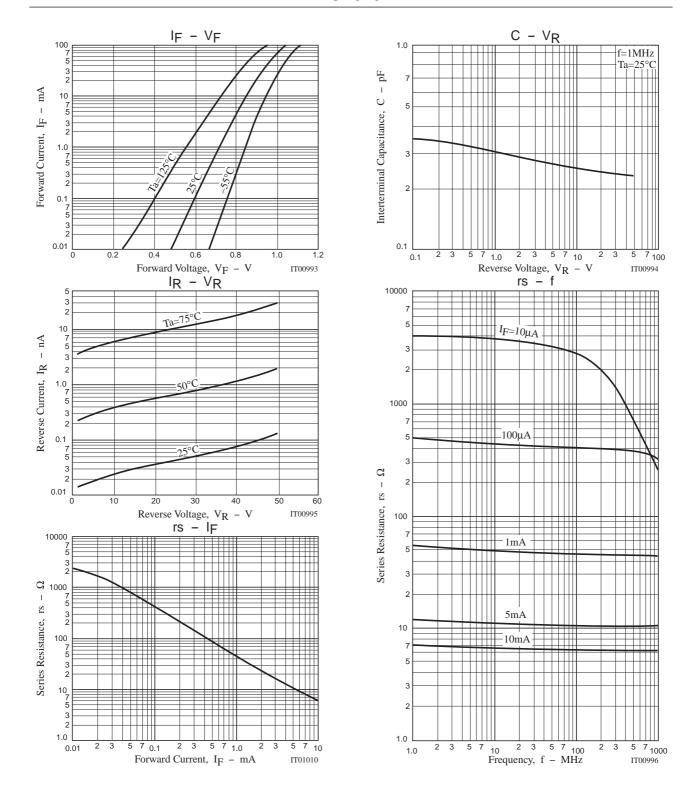
Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	V _R		50	V
Forward Current	ΙF		50	mA
Allowable Power Dissipation	Р		100	mW
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-55 to +125	°C

Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
	Symbol		min	typ	max	Onit
Reverse Voltage	VR	I _R =10μA	50			V
Reverse Current	I _R	V _R =50V			0.1	μΑ
Forward Voltage	V _F	I _F =50mA		0.95	1.0	V
Interterminal Capacitance	С	V _R =50V, f=1MHz		0.23		pF
Series Resistance	ro	I _F =10μA, f=100MHz		2400		Ω
	rs	I _F =10mA, f=100MHz	4	6	9	Ω

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

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