

1SV265

Silicon Epitaxial Type

PIN Diode for VHF, UHF, AGC Applications

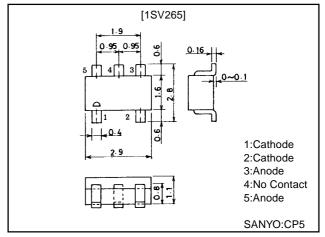
Features

- · Small interterminal capacitance (C=0.23pF typ).
- · Small forward series resistance (rs= 2.5Ω typ).
- · Composite type with 2 diodes contained in the CP package currently in use, improving the mounting efficiency greatly.

Package Dimensions

unit:mm

1236A



Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	V _R		50	V
Forward Current	IF		50	mA
Allowable Power Dissipation	Р		150	mW
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-55 to +125	°C

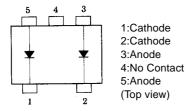
Electrical Characteristics at Ta = 25°C

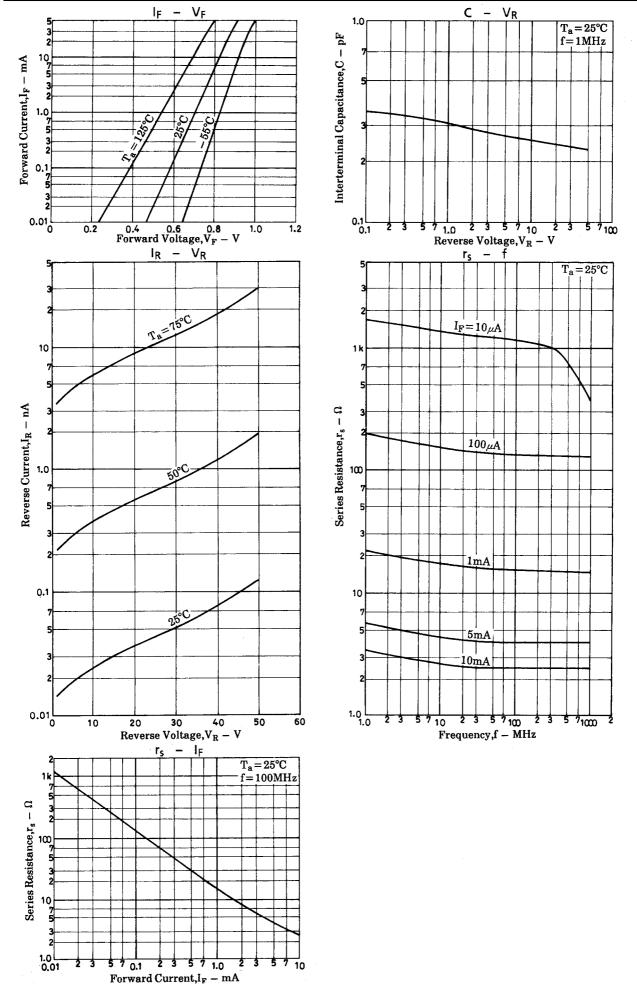
Parameter	Symbol	Conditions	Ratings			Unit
	Symbol		min	typ	max	Offic
Reverse Voltage	VR	I _R =10µA	50			V
Reverse Current	IR	V _R =50V			0.1	μA
Forward Voltage	V _F	I _F =50mA		0.91		V
Interterminal Capacitance	С	V _R =50V, f=1MHz		0.23		pF
Series Resistance	rs	I _F =5mA, f=100MHz		4.0		Ω
		I _F =10mA, f=100MHz		2.5		Ω

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

· Marking:LV

Electrical Connection





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