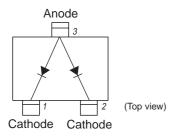


Features

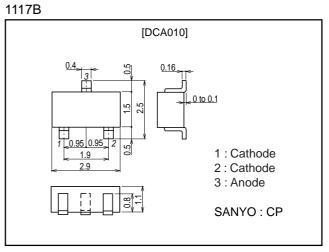
- Ideally suited for use in hybrid ICs because of very small-sized package.
- Fast switching speed.
- Small interterminal capacitance.

Electrical Connection



Package Dimensions

unit : mm



Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	VRM		85	V
Reverse Voltage	VR		80	V
Peak Forward Current	IFM	Unit rating	300	mA
		Total rating	450	mA
Average Rectified Current	IO	Unit rating	100	mA
		Total rating	150	mA
Surge Current (1µs)	IFSM	Unit rating	4	А
		Total rating	6	А
Allowable Power Dissipation	Р		200	mW
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-55 to +125	°C

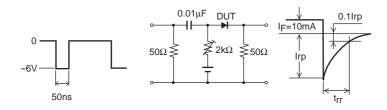
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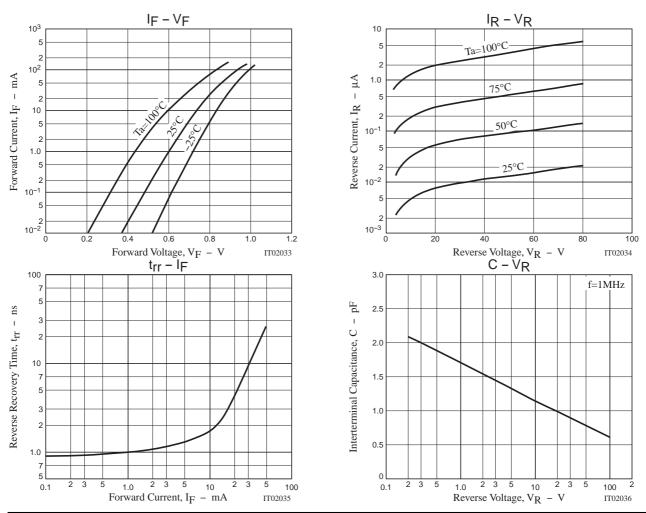
Electrical Characteristics at Ta= $25^{\circ}C$

Parameter	Symbol	Conditions	min	typ	max	Unit
Forward Voltage	VF1	IF=1mA		0.61		V
	VF2	IF=10mA		0.74		V
	V _{F3}	IF=100mA			1.20	V
Reverse Current	IR1	VR=30V			0.1	μΑ
	I _{R2}	V _R =80V			0.5	μΑ
Interterminal Capacitance	С	V _R =0, f=1MHz			4.0	pF
Reverse Recovery Time	trr	IF=10mA, VR=6V, RL=50Ω, Irr=0.1Irp			4.0	ns

Marking : W5

Reverse Recovery Time Test Circuit





No.1892-2/3

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