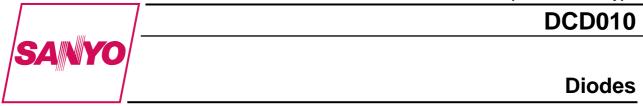
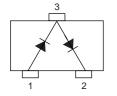
Silicon Epitaxial Planar Type



Features

- Rectifier applications.
- Ideally suited for use in hybrid ICs because of very small-sized package.
- Small interterminal capacitance.

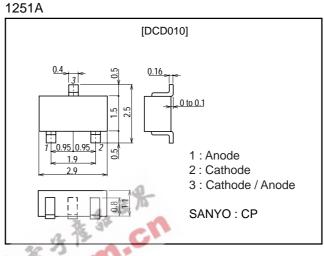
Electrical Connection



1 : Anode 2 : Cathode 3 : Cathode / Anode

Package Dimensions

unit : mm



Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Condi	tions Ratings	Unit
Peak Reverse Voltage	VRM		20	V
Reverse Voltage	VR		20	V
Peak Forward Current	IFM		200	mA
Average Rectified Current	IO		100	mA
Surge Current	IFSM	(1µs)	300	mA
Allowable Power Dissipation	Р		200	mW
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-55 to +125	°C

Electrical Characteristics at Ta=25°C

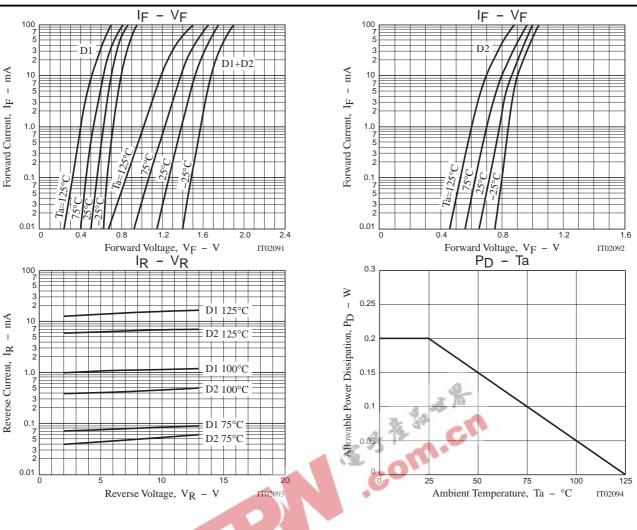
Parameter	Symbol	Conditions	Ratings			Unit
i arameter	Gymbol	Conditions	min	typ	max	Onit
Forward Voltage	VF	IF=10mA			1.0	V
Reverse Current	IR1	VR=15V			0.1	μΑ
Interterminal Capacitance	С	V _R =6V, f=1MHz			4.0	pF

Note) V_F and I_R are values per element.

C is the value for two elements.

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