Ordering number : ENN7194

Silicon Epitaxial Planar Type (Series Junction)





Ultrahigh-Speed Switching Diodes

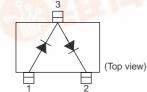
Package Dimensions

unit : mm

Features

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

Electrical Connection



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

Specifications

Absolute Maximum Ratings at Ta=25°C

1240/	
	[DCH010]
2.1	0.3 0.15 0 to 0.1 0.65 0.65 2.0
178 4 E	1 : Anode 2 : Cathode 3 : Cathode / Anode

SANYO: MCP

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	VRM		80	V
Reverse Voltage	VR		80	V
Peak Forward Current	IFM		300	mA
Average Rectified Current	lo		100	mA
Surge Forward Current(1µs)	Isurge		4	Α
Allowable Power Dissipation	P(Total Value)	- A-2- 1-17-	200	mW
Junction Temperature	Tj		150	°C
Storage Temperature	Tstg	39	-55 to +150	°C

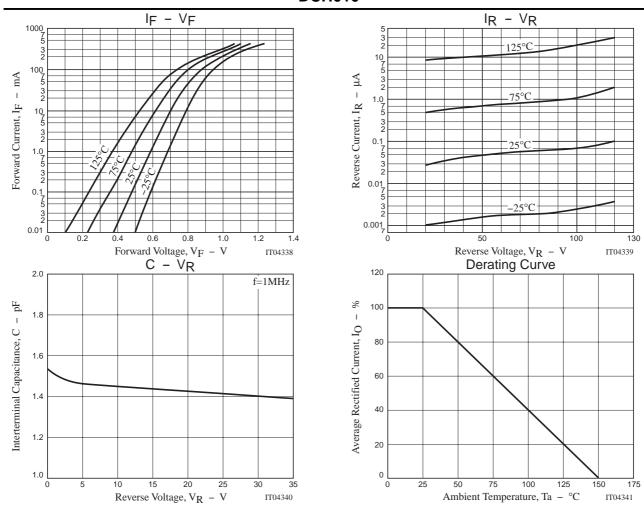
Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
	Symbol		min	typ	max	Offic
Forward Voltage	VF	IF=100mA			1.2	V
Reverse Current	IR	V _R =70V			0.2	μΑ
Interterminal Capacitance	С	f=1MHz, V _R =6V			3.5	pF
Reverse Recovery Time	t _{rr}	I _F =5mA, V _R =6V, R _L =50Ω, Irr=0.1Irp			4.0	ns

Marking: A7

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DCH010



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