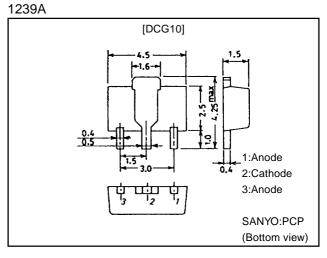


Features

· Ideal for use in hybrid ICs because of small-sized package.

Package Dimensions

unit:mm



Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	VRM		200	V
Reverse Voltage	VR		200	V
Surge Forward Current	IFSM	50Hz sine wave, 1 cycle	5	A
Average Rectified Current	lo		1.0	A
	lo	Total value	1.5	A
Peak Forward Current	IFM		2.0	A
	IFM	Total value	3.0	A
Junction Temperature	Tj		150	°C
Storage Temperature	Tstg		-50 to +150	°C

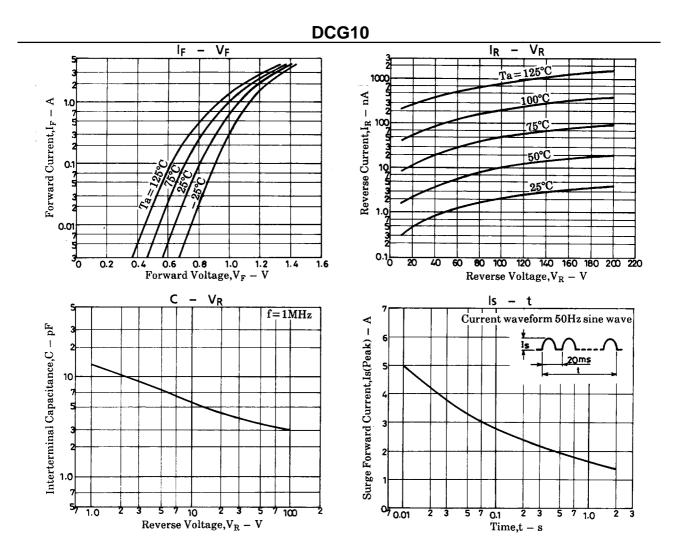
Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Unit
Reverse Voltage	VR	I _F =10µA	200			V
Forward Voltage	VF	I _F =1A		1.0	1.3	V
Reverse Current	IR	V _R =200V			10	μA
Interterminal Capacitance	С	V _R =30V, f=1MHz		4.0		pF
Reverse Recovery Time	trr	I _F =1A, -dIF/dt=10A/µs		90	300	ns
Thermal Resistance	Rth(j-a)1			300		°C/W
	Rth(j-a)2	Mounted on ceramic board (250mm ² ×0.8mm)		100		°C/W

Marking:PB

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52098HA (KT)/30195MO (KOTO) AX-8089 No.4706-1/2



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