



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





DCJ010

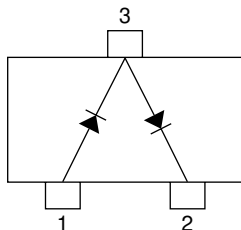
Silicon Epitaxial Planar Type Diode

High-Speed Switching Diode

Features

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

Electrical Connection

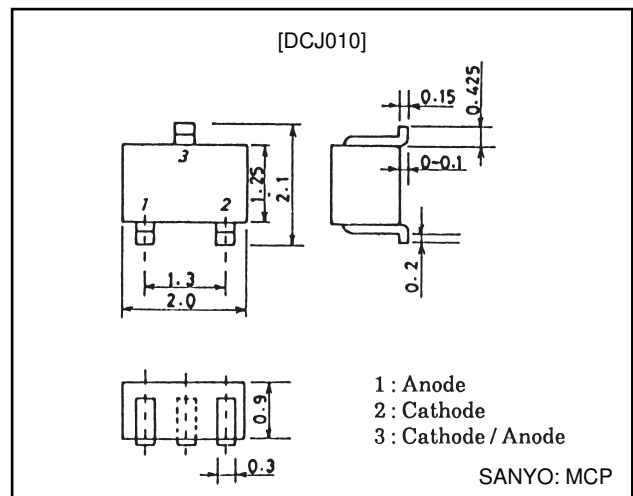


1:Anode
2:Cathode
3:Cathode/Anode

Package Dimensions

unit: mm

1246A

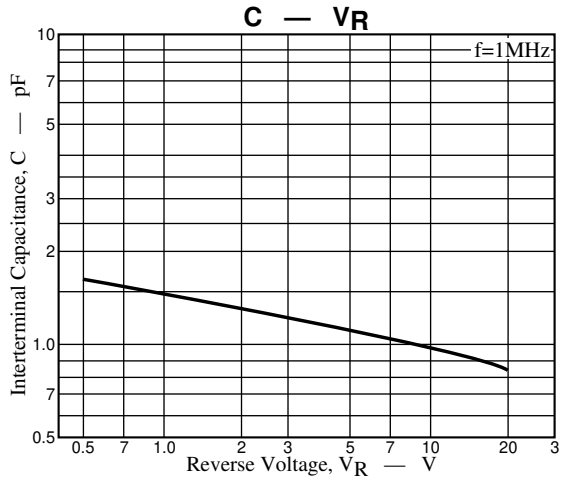
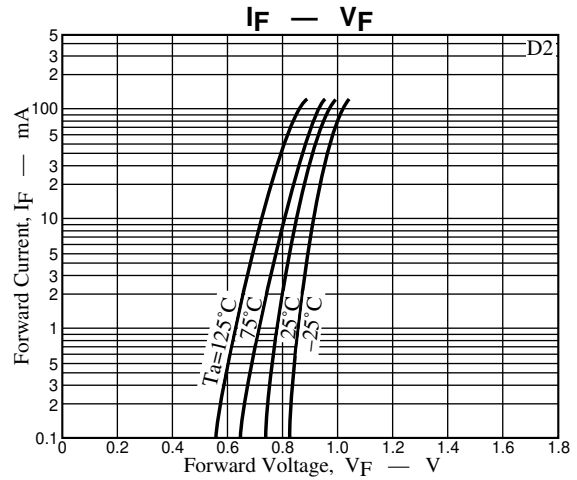
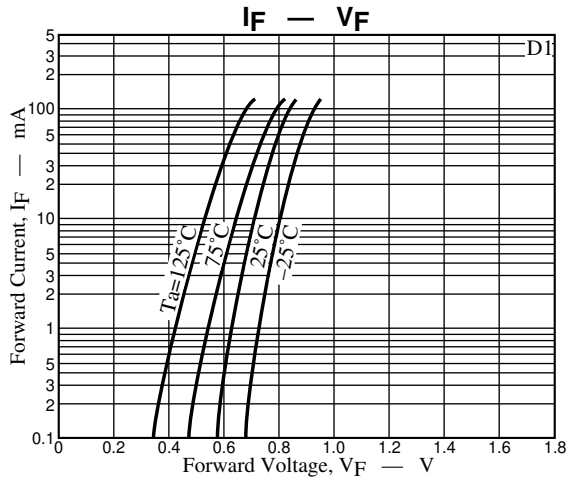
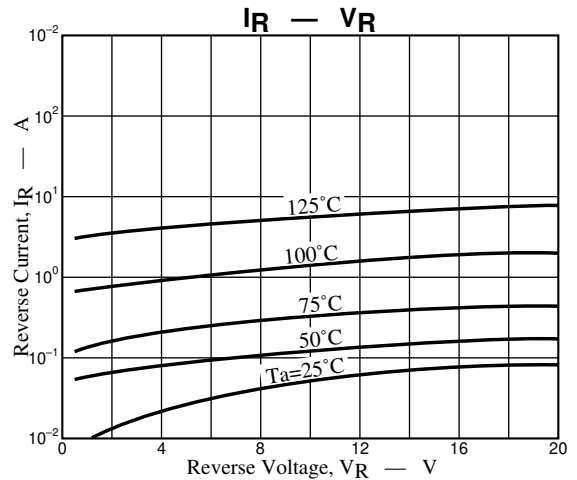
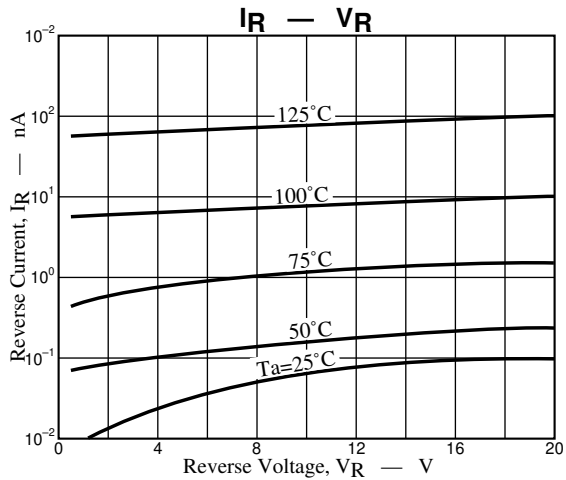


Absolute Maximum Ratings at Ta = 25 °C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	V_{RM}		20	V
Reverse Voltage	V_R		20	V
Peak Forward Current	I_{FM}		200	mA
Average Rectified Current	I_o		100	mA
Surge Current	I_{FSM}	(1 μ s)	300	mA
Allowable Power Dissipation	P	(Total)	100	mW
Junction Temperature	T_j		125	°C
Storage Temperature	T_{stg}		-55 to +125	°C

Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	$I_F=10$ mA			1.0	V
Reverse Current	I_R	$V_R=15$ V			0.1	μ A
Interterminal Capacitance	C	$V_R=6$ V, f=1 MHz			4.0	pF



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