

No.2795A

DLA11C

Silicon Diffused Junction Type

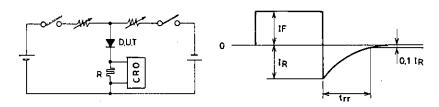
1.1A Ultrahigh-Speed Rectifier

Features

- · Supports automatic mounting and permits DLA11C-applied sets to be made smaller.
- · Fast reverse recovery time and small switching loss.
- · Peak reverse voltage : $V_{RM} = 200V$.
- · Average rectified current: Io=1.1A.

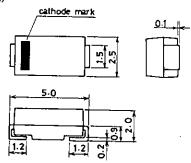
Absolute Maximum Ratings at Ta = 25°C							unit	t
Peak Reverse Voltage		V_{RM}				200	V	
Average Rectified Current		Io	50Hz sine alumina b	wave,mounted on oard		1.1	Α	
			Resistive 1	oad resistor,mounted on I	PCB	0.84	Α	
Surge Forward Current		I_{FSM}	50Hz sine	•		30	Α	
			nonrepetit	ive,1 cycle peak value				
Junction Temperature		Tj				150	°C	
Storage Temperature		Tstg		-	−55 t o -	+150	°C	
Electrical Characteristics at Ta = 25°C					min	typ	max	unit
Forward Voltage	$V_{\mathbf{F}}$	$I_F = 1.14$	A .		*****	• 3 P	0.98	V
Reverse Current	I_R	$V_{R} = 200$	OV				10	μA
Reverse Recovery Time		$I_F = 0.5A$	$A.I_{R} = 1A$				50	ns
Thermal Resistance	θj-l	Junction					23	°C/W
	θј-а	Junction	n-Ambient	Mounted on alumina boa	ard		108	°C/W
	-			Mounted on PCB	*		157	°C/W

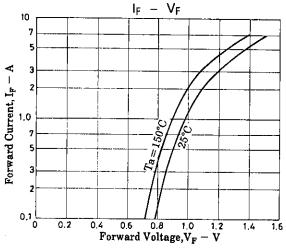
Reverse Recovery Time Test Circuit

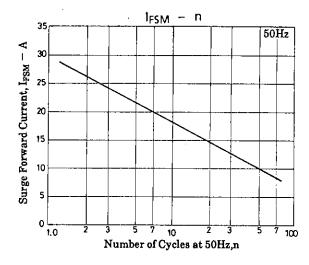


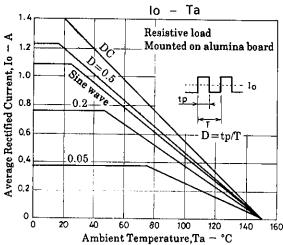
Package Dimensions 1188

(unit: mm)









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