



DS135A — Diffused Junction Type Silicon Diode

1.0A Power Rectifier

Features

- Plastic molded structure.
- Peak reverse voltage : $V_{RM} = -100$ to $-400V$.
- Average output current : $I_O = 1.0A$.

Specifications

Absolute Maximum Ratings at $T_a = 25^\circ C$

Parameter	Symbol	Conditions	DS135AE	DS135AD	DS135AC	Unit
Peak Reverse Voltage	V_{RM}		-100	-200	-400	V
Average Output Current	I_O	$T_a = 60^\circ C$	1.0			A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1cycle	45			A
Junction Temperature	T_j		150			$^\circ C$
Storage Temperature	T_{stg}		-40 to +150			$^\circ C$

Electrical Characteristics at $T_a = 25^\circ C$

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	$I_F = 1.0A$			1.0	V
Reverse Current	I_R	V_R : At each V_{RM}			-10	μA

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