

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: DS135AE
Manufacturer: onsemi
Package: DO-204AL, DO-41, Axial
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/onsemi/ds135ae.html>

Request a Quote:

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Contact Information

Email: info@antrexco.com

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

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Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.


SANYO Semiconductors

DATA SHEET

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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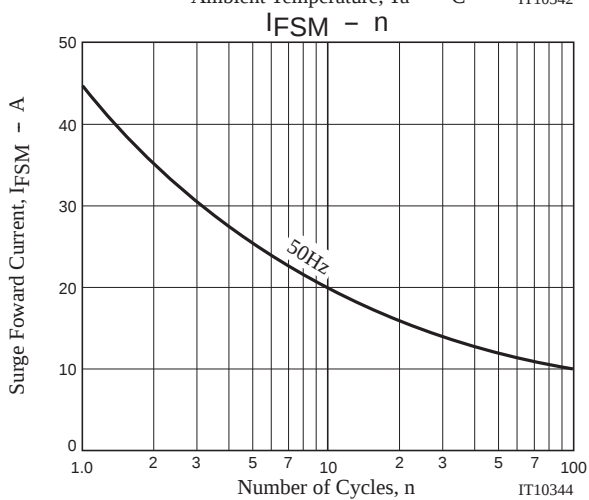
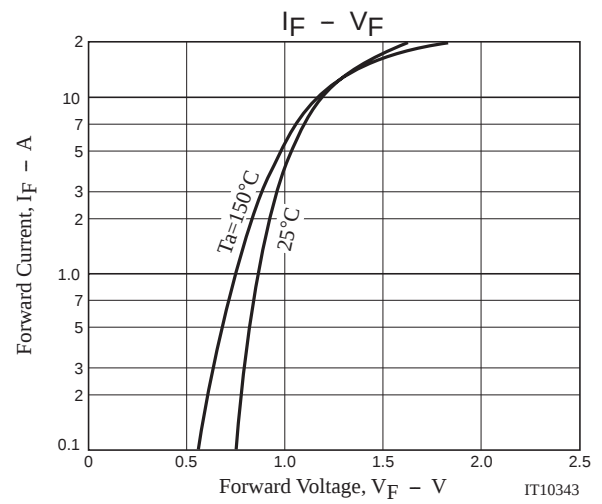
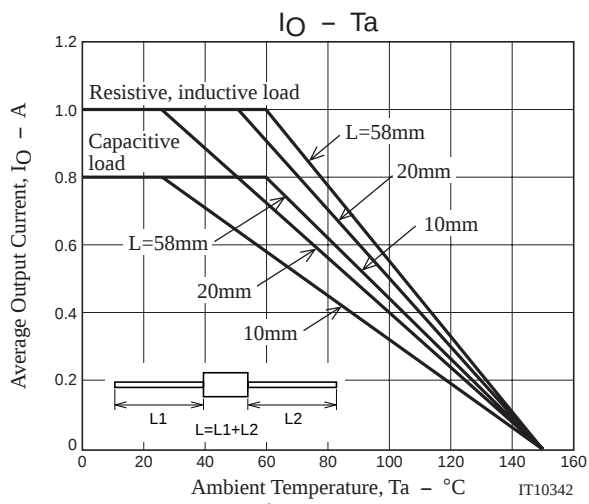
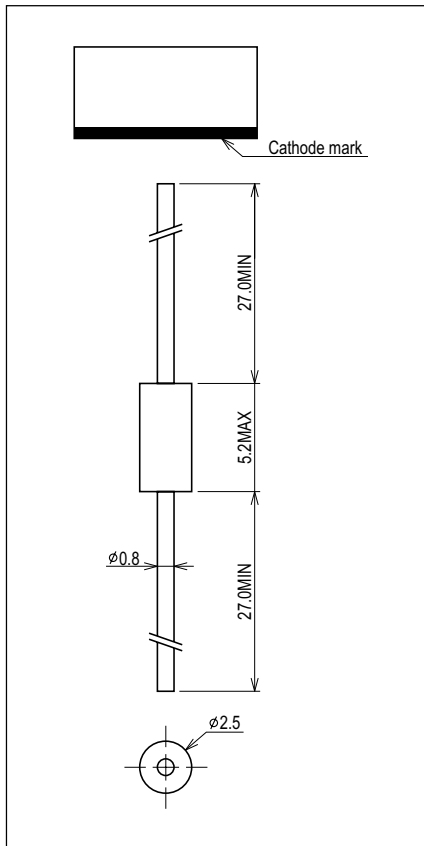
SANYO Semiconductor Co., Ltd.

TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN

Package Dimensions

unit : mm (typ)

7808-001



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