

5 é / Descriptions

SOD-323 .> // x J' ! - } 8 â 'ož
Silicon Diode in a SOD-323 Plastic Package.

¤ ª / Features

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Fast switching diodes. HF Product.

Ð ÷ / Applications

9 • ¼ èož
Switching diodes.

Ã W]Ô . / Equivalent Circuit



• Û - æ / Pinning



PIN1:Cathode PIN2:Anode

Z Ü B , M V / h_{FE} Classifications & Marking

Marking	S4H
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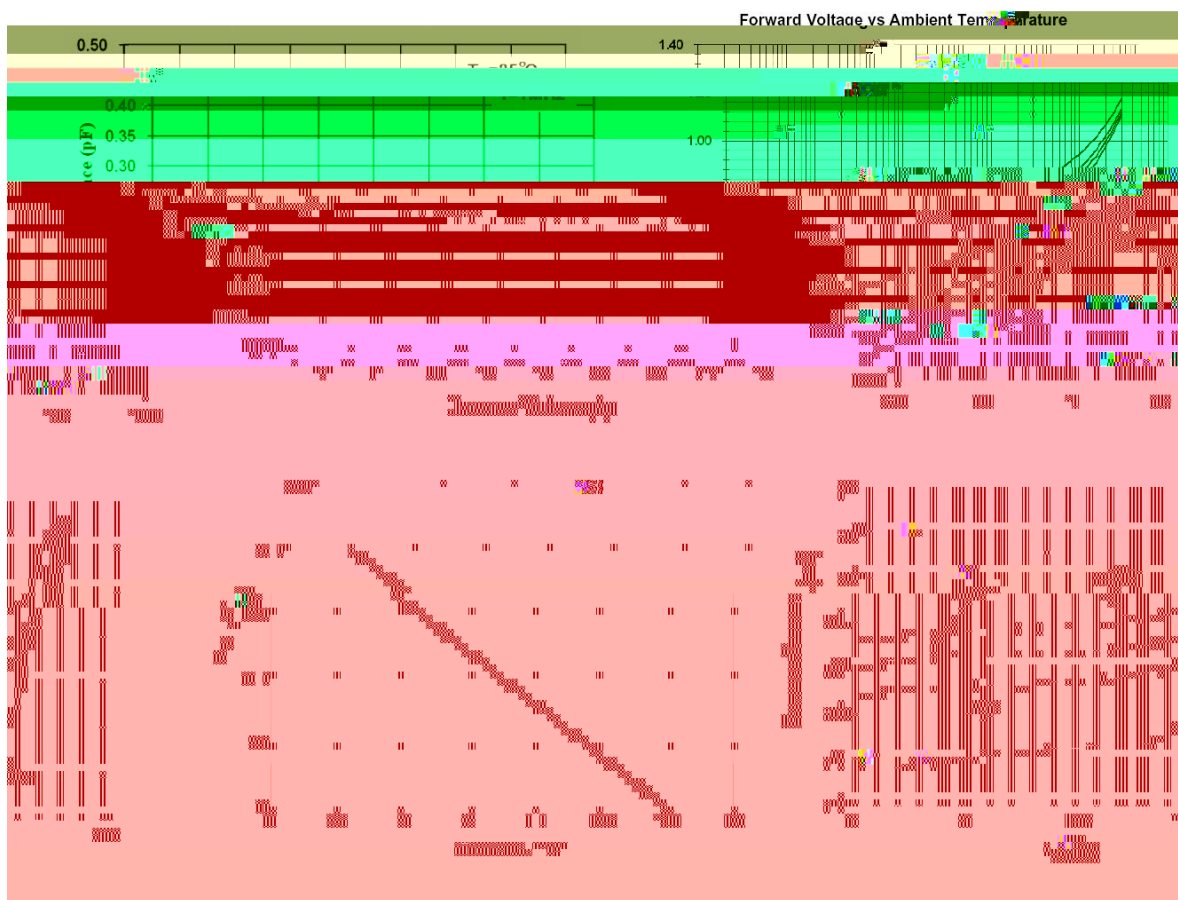
Absolute Maximum Ratings(Ta=25 ;)

Parameter	Symbol	Rating	Unit
Reverse Voltage	V_R	80	V
Peak Reverse Voltage	V_{RM}	90	V
Average Rectified Output Current	I_O	150	mA
Forward Continuous Current	I_{FM}	250	mA
Repetitive Peak Forward Current	I_{FRM}	500	mA
Non-Repetitive Peak Forward Surge Current	$I_{FSM} \Delta t=1.0 \text{ s}$	2.0	A
Power Dissipation	P_D	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-65 150	

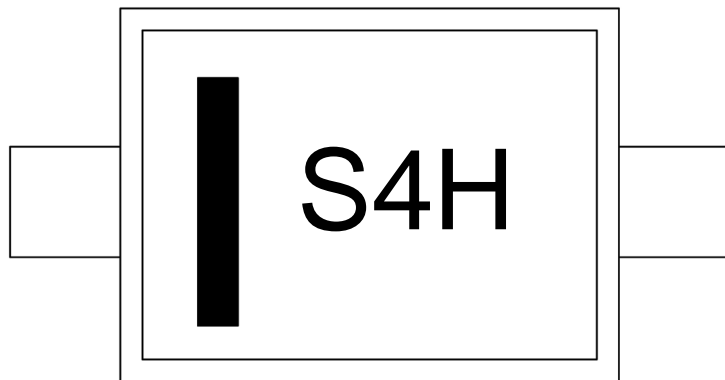
Electrical Characteristics(Ta=25 ;)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F=100\text{mA}$			1.2	V
Reverse Leakage Current	I_R	$V_R=80\text{V}$			100	nA
Breakdown Voltage	V_{BR}	$I_R=100 \text{ A}$	80			<
Reverse Recovery Time	t_{rr}	$I_F=10\text{mA}$ $R_L=100$ $V_R=6.0\text{V}$			4.0	ns
Total Capacitance	C_T	$V_R=0.5\text{V}$ $f=1.0\text{MHz}$			4.0	pF

Ω ? d • Ž ϕ / Electrical Characteristic Curve



Myf / Marking Instructions



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Note:

S4: Product Type Code

H y Company Code

1SS355
Rev.I Dec.-2018

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