

SANYO

No.1905B

DS441

Silicon Planar Type

Low Leak Switching Diode

Features

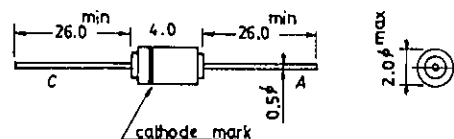
- Glass sleeve structure : DHD type
- Low leak current : $I_R = -10\text{nA}$ max.
- Power dissipation : $P = 300\text{mW}$ max.
- Interterminal capacitance : $C = 6.0\text{pF}$ max.

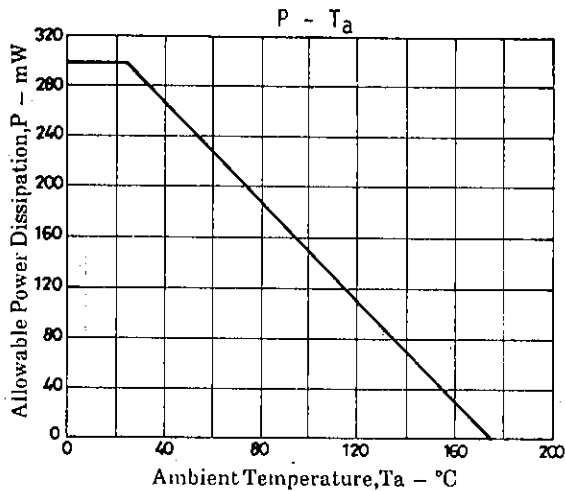
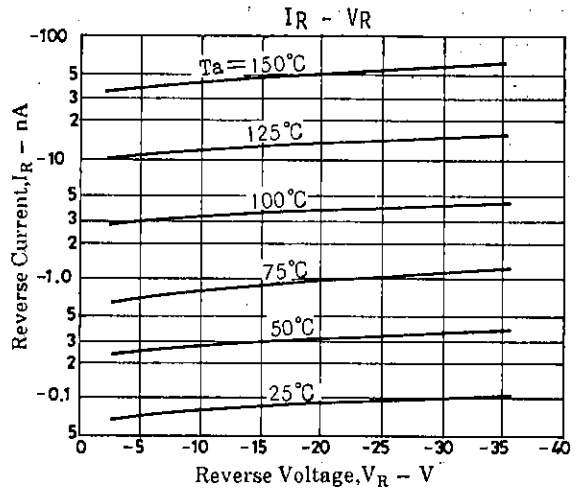
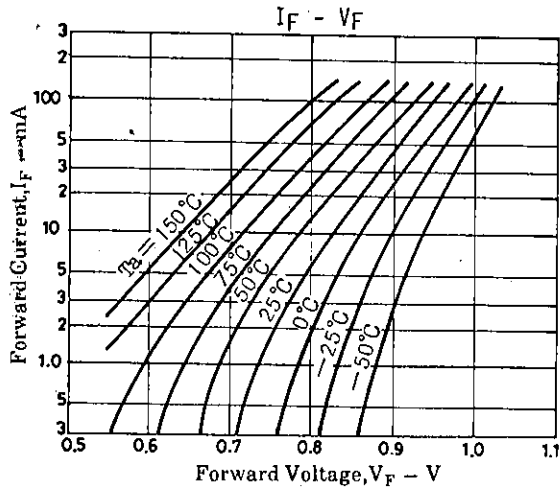
Absolute Maximum Ratings at $T_a = 25^\circ\text{C}$

			unit
Peak Reverse Voltage	V_{RM}	-35	V
Reverse Voltage	V_R	-30	V
Peak Forward Current	I_{FM}	300	mA
Average Rectified Current	I_O	100	mA
Surge Forward Current	I_{FSM}	1000	mA
Power Dissipation	P	300	mW
Junction Temperature	T_j	175	$^\circ\text{C}$
Storage Temperature	T_{stg}	-65 to +175	$^\circ\text{C}$

Electrical Characteristics at $T_a = 25^\circ\text{C}$

			min	typ	max	unit
Forward Voltage	V_F	$I_F = 100\text{mA}$		1.0	1.3	V
Reverse Current	I_R	$V_R = -30\text{V}$	-0.1		-10	nA
Interterminal Capacitance	C	$V_R = 0\text{V}, f = 1\text{MHz}$	3.0		6.0	pF

Package Dimensions 1080
(unit: mm)C: Cathode
A: Anode



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