



Micro Commercial Components

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1SS136

High Speed Switching Diode

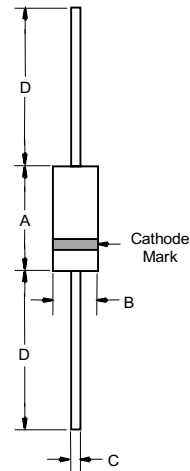
Features

- High reliability.
- High speed. ($t_{rr}=2.0ns$ Max.)
- Silicon epitaxial planar
- Marking : Cathode band and type number

Absolute maximum Ratings

Symbol	Rating	Rating	Unit
V_{RM}	Peak Reverse Voltage	75	V
V_R	DC Reverse Voltage	65	V
I_{FM}	Peak Forward Current	600	mA
I_o	Mean Rectifying Current	200	mA
I_{surge}	Surge Current (1us)	4.0	A
T_J	Operating Junction Temperature	-55 to +150	$^{\circ}C$
T_{STG}	Storage Temperature	-55 to +150	$^{\circ}C$

DO-34



Electrical Characteristics @ 25 $^{\circ}C$ Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units
OFF CHARACTERISTICS				
V_F	Forward Voltage ($I_F=100mA_{dc}$)	---	1.0	Vdc
I_R	Reverse Current ($V_R=65V_{dc}$)	---	0.5	μA_{dc}
C_T	Capacitance Between Terminals ($V_R=0, f=1.0MHz$)	---	3.0	pF
t_{rr}	Reverse Recovery Time ($V_R=6.0V_{dc}, I_F=10mA_{dc}$)	---	2.0	ns

DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.094	.118	2.40	3.00	
B	.063	.079	1.60	2.00	
C	.012	.020	0.30	0.50	
D	1.102	1.181	28.00	30.00	



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