



Micro Commercial Components

Micro Commercial Components
 20736 Marilla Street Chatsworth
 CA 91311
 Phone: (818) 701-4933
 Fax: (818) 701-4939

1SS136

Features

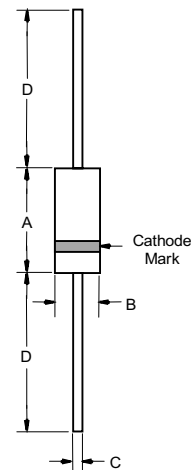
- High reliability.
- High speed. ($t_{rr}=2.0ns$ Max.)
- Silicon epitaxial planar
- Marking : Cathode band and type number

High Speed Switching Diode

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	



TM

Micro Commercial Components

*****IMPORTANT NOTICE*****

Micro Commercial Components Corp. reserves the right to make changes without further notice to any product herein to make corrections, modifications, enhancements, improvements, or other changes. *Micro Commercial Components Corp.* does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights, nor the rights of others. The user of products in such applications shall assume all risks of such use and will agree to hold *Micro Commercial Components Corp.* and all the companies whose products are represented on our website, harmless against all damages.

*****APPLICATIONS DISCLAIMER*****

Products offer by *Micro Commercial Components Corp.* are not intended for use in Medical, Aerospace or Military Applications.