

**Obsolete**

**M.C.C.**

Micro Commercial Components



Micro Commercial Components  
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**1SS136**

**Features**

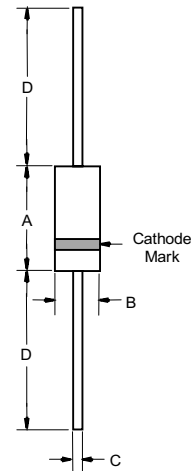
- Moisture Sensitivity Level 1
- High reliability.
- High speed. ( $t_{rr}=2.0ns$  Max.)
- Silicon epitaxial planar
- Marking : Cathode band and type number
- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)

**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	$^{\circ}C$

**High Speed Switching Diode**

**DO-34**



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

Symbol	Parameter	Min	Max	Units
$V_F$	Forward Voltage ( $I_F=100mA_{dc}$ )	---	1.0	Vdc
$I_R$	Reverse Current ( $V_R=65V_{dc}$ )	---	0.5	$\mu A_{dc}$
$C_T$	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

Note: 1. Lead in Glass Exemption Applied, see EU Directive Annex 5.

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

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### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 10Kpcs/Reel
Part Number-AP	Ammo Packing: 5Kpcs/Ammo Box

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