



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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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
Ιο	Mean Rectifying Current	200	mA
I _{surge}	Surge Current (1us)	4.0	Α
TJ	Operating Junction Temperature	-55 to +150	°C
T _{STG}	Storage Temperature	-55 to +150	°C

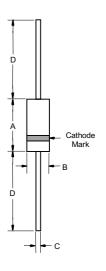
Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Max	Units
V _F	Forward Voltage (I _F =100mAdc)		1.0	Vdc
I _R	Reverse Current (V _R =65Vdc)		0.5	uAdc
Ст	Capacitance Between Terminals (V _R =0, f=1.0MHz)		3.0	pF
trr	Reverse Recovery Time (V _R =6.0Vdc, I _F =10mAdc)		2.0	ns

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

High Speed Switching Diode

DO-34



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



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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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