



Micro Commercial Components



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

1SS265

### Features

- Moisture Sensitivity Level 1
- Low Differential Forward Resistance
- Low Diode Capacitance
- High Reverse Impedance
- Marking : Cathode band and type number
- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)

150mW 35 Volt Band Switching Diode

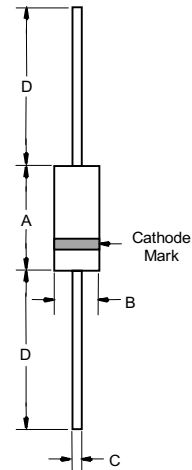
### Maximum Ratings

- Junction Temperature: 150°C
- Storage Temperature: -55°C to +150°C

DO-34

### Electrical Characteristics @ 25°C Unless Otherwise Specified

Reverse Voltage	$V_R$	35V	
Breakdown Voltage	$B_V$	35V	$I_R=10 \mu A$
Average Rectified Current	$I_O$	100mA	
Power Dissipation	$P_d$	150mW	
Junction Ambient	$R_{thJA}$	350K/W	$l=4mm, T_L=constant$
Maximum Instantaneous Forward Voltage	$V_F$	0.85V	$I_{FM} = 10mA;$
Maximum DC Reverse Current At Rated DC Blocking Voltage	$I_R$	100nA	$V_R=20Volts$
Maximum Junction Capacitance	$C_t$	1.5pF	Measured at 1.0MHz, $V_R=6V$
Frequency Resistance	$r_f$	0.6Ω	$I_F=10mA$ $f=100MHz$



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	

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



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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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