



Micro Commercial Components

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BA282 THRU BA283

Features

- Low Differential Forward Resistance
- Low Diode Capacitance
- High Reverse Impedance

35 Volt Band Switching Diode

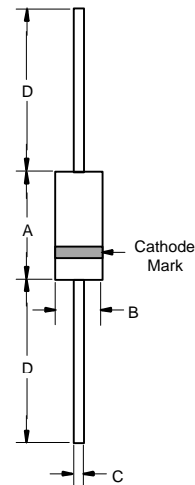
Maximum Ratings

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

Electrical Characteristics @ 25°C Unless Otherwise Specified

Reverse Voltage	V_R	35V	
Forward Current	I_F	100mA	
Junction Ambient	R_{thJA}	350K/W	$l=4mm, T_L=constant$
Maximum Instantaneous Forward Voltage	V_F	1.0V	$I_{FM} = 100mA;$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	50nA	$V_R=20V$
Diode Capacitance BA282~BA283 BA282 BA283	C_D	1.50pF 1.25pF 1.20pF	$V_R=1V, f=100MHz$ $V_R=3V, f=100MHz$
Differential Forward Resistance BA282 BA283 BA282 BA283	r_f	0.7Ω 1.2Ω 0.5Ω 0.9Ω	$I_F=3mA, f=200MHz$ $I_F=10mA, f=200MHz$
Reverse Impedance	Z_r	100KΩ	$V_R=1V, f=100MHz$

DO-35



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	---	.166	---	4.2	
B	---	.079	---	2.00	
C	---	.020	---	.52	
D	1.000	---	25.40	---	