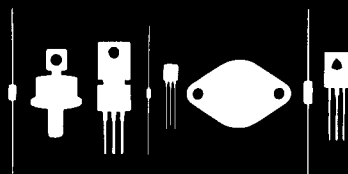


Central
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145 Adams Avenue
Hauppauge, New York 11788



1N3897

FORWARD REFERENCE DIODE
(STABISTOR)

JEDEC DO-35 CASE

DESCRIPTION

The CENTRAL SEMICONDUCTOR 1N3897 is a Silicon Forward Reference Diode manufactured by the Planar Process.

MAXIMUM RATINGS ($T_A = 25^\circ\text{C}$)

	<u>SYMBOL</u>		<u>UNITS</u>
Power Dissipation	P_D	400	mW
Operating and Storage			
Junction Temperature	T_J, T_{stg}	-65 to +200	$^\circ\text{C}$
Typical Temperature Coefficient	T_C	0.022	$\%/^\circ\text{C}$

ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ unless otherwise noted)

<u>SYMBOL</u>	<u>TEST CONDITIONS</u>	<u>MIN</u>	<u>MAX</u>	<u>UNITS</u>
I_R	$V_R = 10\text{V}$		10	μA
V_F	$I_F = 30\text{mA}$	1.425	1.575	V
Z_T	$I_T = 30\text{mA}$		5.0	Ω

MECHANICAL OUTLINE

All Dimensions in Inches (mm).

