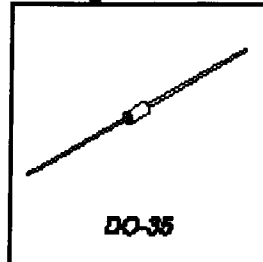


1N4829

Stabistor Diode

Package



PACKAGE DIMENSIONS

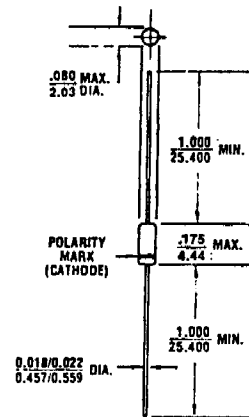


FIGURE 1  
 All dimensions in  $\frac{\text{INCH}}{\text{m.m.}}$

DO-35

MECHANICAL CHARACTERISTICS

\*Case: Hermetically sealed glass DO-35. DO-7 and DO-41 glass are optional. Single p-n junction devices also offered in DO-41 plastic.

Finish: All external surfaces are corrosion resistant and leads solderable.

Thermal Resistance: 200° C/W typical for DO-35 at 0.375 inches from body.

Mounting Position: Any.

Polarity: Cathode marked with band. To be operated with cathode negative for normal low voltage operation.

\* Designate case size when ordering.

Absolute Maximum Ratings	Symbol	Max	Unit
Power Dissipation	Power	0.5	W
Reverse Voltage	$V_R$	20	V

Electrical Characteristics	Symbol	Min	Typ	Max	Unit
<b>Forward Voltage</b> ( $I_F=10 \text{ mA}$ )	$V_F$			1.61	V
<b>Reverse Leakage Current</b> ( $T_A=25^\circ\text{C}$ , $V_R=20 \text{ V}$ )	$I_R$			0.1	$\mu\text{A}$
<b>Reverse Breakdown Voltage</b> ( $I_{BR}=5 \mu\text{A}$ )	$V_{BR}$	30			V
<b>Output Capacitance</b> ( $V_R=0 \text{ V}$ )	$C_o$			25	pF



Quality Semi-Conductors