



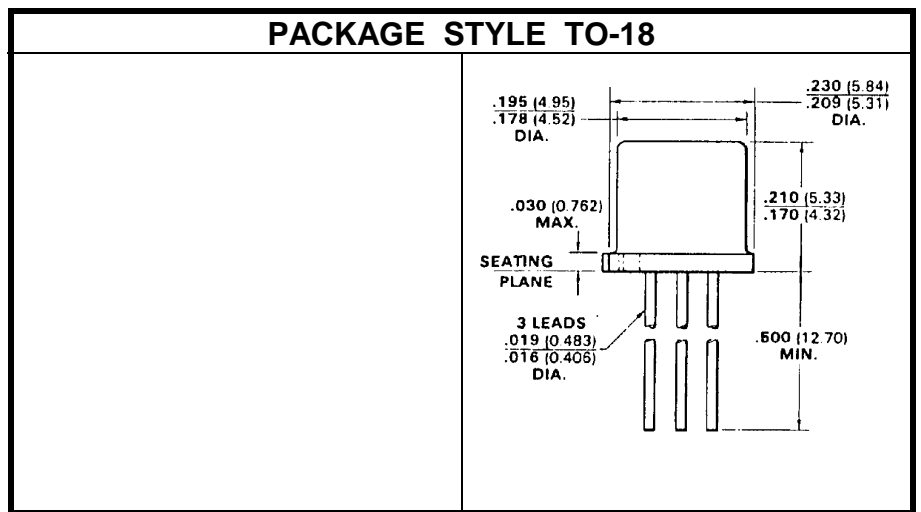
# GERMANIUM TUNNEL DIODE

## DESCRIPTION:

The **1N2927** is Designed for Switching Applications in Industrial and Military Applications.

## MAXIMUM RATINGS

$I_F$	500 $\mu$ A
$T_J$	-65 °C to +150 °C
$T_{STG}$	-65 °C to +200 °C
$T_{SOLD}$	10 S/250 °C



## CHARACTERISTICS $T_C = 25^\circ\text{C}$

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
$I_P$		90		110	$\mu$ A
$I_V$				35	$\mu$ A
$V_P$				75	mV
$V_V$				475	mV
$V_F$	$I_F = 110 \mu\text{A}$	600		1000	mV
$I_R$				1.0	mA