

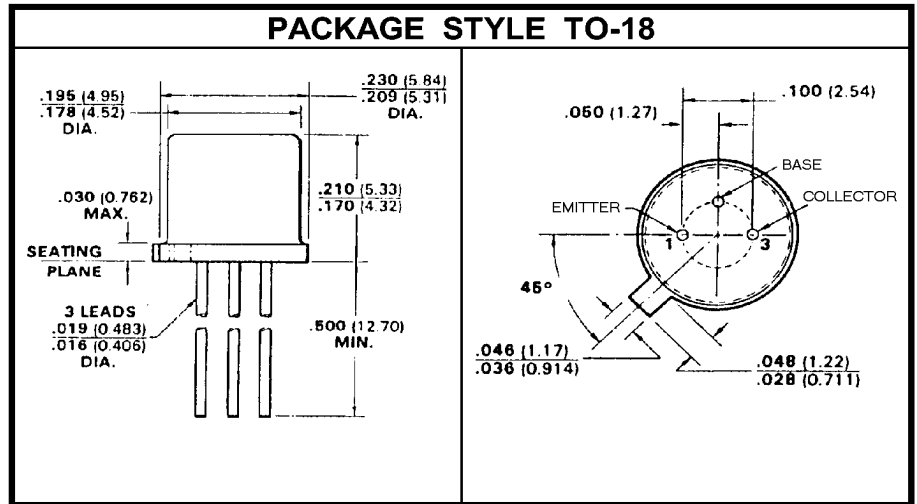
# GERMANIUM PNP TRANSISTOR

## DESCRIPTION:

The **2N2273** is Designed for General Purpose Switching, and VHF Amplifier Applications.

## MAXIMUM RATINGS

$I_C$	100 mA
$V_{CE}$	-15 V
$P_{DISS}$	150 mW @ $T_A = 25^\circ\text{C}$
$T_J$	$-65^\circ\text{C}$ to $+100^\circ\text{C}$
$T_{STG}$	$-65^\circ\text{C}$ to $+100^\circ\text{C}$
$\theta_{JC}$	50 $^\circ\text{C}/\text{W}$



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

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
$BV_{CES}$	$I_C = 200 \mu\text{A}$	-25			V
$BV_{CBO}$	$I_C = 100 \mu\text{A}$	-25			V
$I_{CBO}$	$V_{CB} = -12 \text{ V}$			10	$\mu\text{A}$
$BV_{EBO}$	$I_E = 100 \mu\text{A}$	-0.5			V
$h_{FE}$	$V_{CE} = -10 \text{ V}$ $I_C = 1.0 \text{ mA}$	20		150	---
$f_t$	$V_{CE} = -6.0 \text{ V}$ $I_C = 1.0 \text{ mA}$ $f = 100 \text{ MHz}$	250			MHz
$h_{fe}$	$V_{CE} = -6.0 \text{ V}$ $I_C = 1.0 \text{ mA}$ $f = 10 \text{ MHz}$	20		28	---
$C_{ob}$	$V_{CB} = -10 \text{ V}$ $f = 1.0 \text{ MHz}$			3.5	pF
$r_b$	$V_{CE} = -10 \text{ V}$ $I_C = 1.0 \text{ mA}$ $f = 250 \text{ MHz}$			250	Ohms
$N_F$	$V_{CB} = -10 \text{ V}$ $I_C = 1.0 \text{ mA}$ $R_G = 50 \text{ Ohms}$ $f = 10 \text{ MHz}$			12	dB