

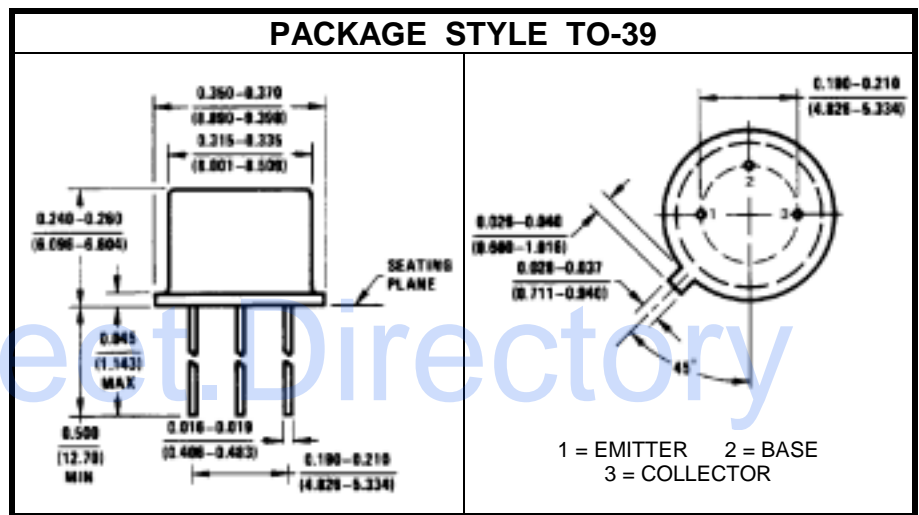
# PNP SILICON TRANSISTOR

**DESCRIPTION:**

The **ASI 2N4033** is Designed for UHF-VHF Oscillator, Amplifier, and Driver Applications.

**MAXIMUM RATINGS**

$I_C$	-1.0 A
$V_{CB}$	-80 V
$V_{CE}$	-80 V
$V_{EB}$	-5 V
$P_{DISS}$	4.0 W @ $T_C = 25\text{ }^\circ\text{C}$
$T_{STG}$	-65 to +200 $^\circ\text{C}$
$T_J$	-65 to +200 $^\circ\text{C}$
$\theta_{JC}$	44 $^\circ\text{C/W}$


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

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
$BV_{CBO}$	$I_C = -10\text{ }\mu\text{A}$	-80			V
$BV_{CEO}$	$I_C = -10\text{ mA}$	-80			V
$BV_{EBO}$	$I_E = -10\text{ }\mu\text{A}$	-5.0			V
$I_{CBO}$	$V_{CB} = -60\text{ V}$ $T_A = 150\text{ }^\circ\text{C}$			50 50	nA $\mu\text{A}$
$h_{FE}$	$V_{CE} = -5.0\text{ V}$ $I_C = -100\text{ }\mu\text{A}$ $I_C = -100\text{ mA}$ $I_C = -100\text{ mA}$ $I_C = -500\text{ mA}$ $I_C = -1.0\text{ A}$ $T_C = -55\text{ }^\circ\text{C}$	75 100 40 70 25		300	---
$V_{CE(SAT)}$	$I_C = -150\text{ mA}$ $I_C = -500\text{ mA}$ $I_B = -15\text{ mA}$ $I_B = -50\text{ mA}$			-0.15 -0.5	V

