



2N1671

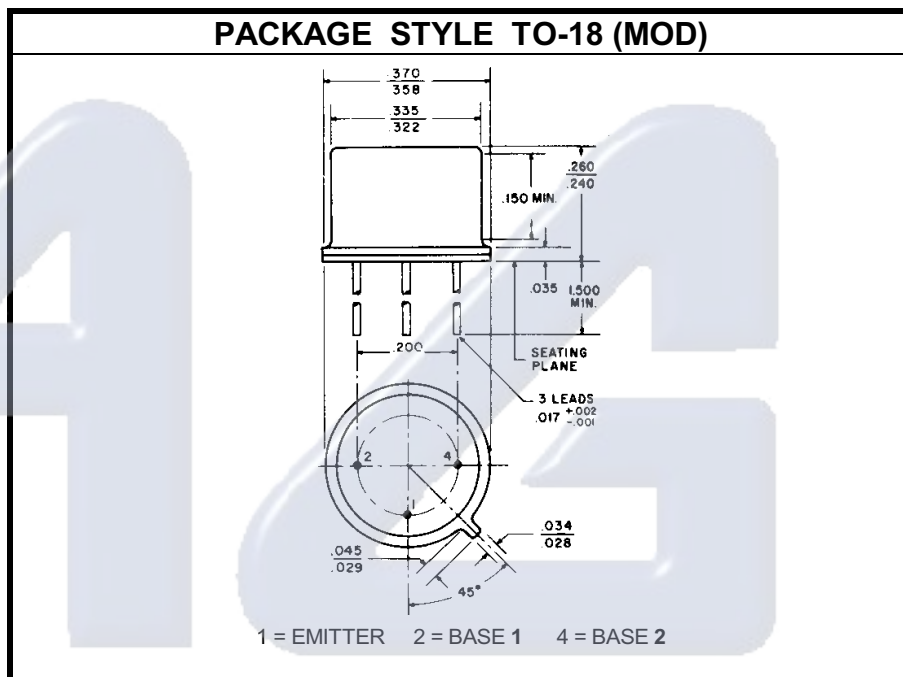
UNIJUNCTION TRANSISTOR

DESCRIPTION:

The **2N1671** is a Unijunction Transistor Used in General Purpose Pulse, Timing, Sense and Trigger Applications.

MAXIMUM RATINGS

I_C	2.0 A (PULSED)
V_{CE}	30 V
P_{DISS}	450 mW @ $T_C = 25^\circ\text{C}$
T_J	-65°C to $+140^\circ\text{C}$
T_{STG}	-65°C to $+150^\circ\text{C}$
θ_{JC}	255 $^\circ\text{C/W}$



Electrónica S.A. de C.V.

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

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
η	$V_{B2B1} = 10\text{ V}$	0.47		0.62	---
r_{BB}	$V_{B2B1} = 3.0\text{ V}$	4.7		9.1	K Ω
$V_{EB1(SAT)}$	$V_{B2B1} = 10\text{ V}$ $I_E = 50\text{ mA}$			5.0	V
$I_{B2 (MOD)}$	$V_{B2B1} = 10\text{ V}$ $I_E = 50\text{ mA}$	6.8		22	mA
I_{B2EO}	$V_{B2B1} = 30\text{ V}$ $I_{B1} = 0$			12	μA
I_P	$V_{B2B1} = 25\text{ V}$			25	μA
I_V	$V_{B2B1} = 20\text{ V}$ $R_{B2} = 100\ \Omega$	8.0			mA

ADVANCED SEMICONDUCTOR, INC.

REV. A

7525 ETHEL AVENUE • NORTH HOLLYWOOD, CA 91605 • (818) 982-1202 • TELEX: 18-2651 • FAX (818) 765-3004

1/1

This datasheet has been downloaded from:

www.DatasheetCatalog.com

Datasheets for electronic components.



Electrónica S.A. de C.V.