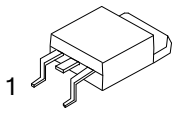
HJ45H11

PNP SILICON TRANSISTOR

PNP EPITAXIAL PLANAR TRANSISTOR



TO-252

■ DESCRIPTION

The **HJ45H11** is designed for various specific and general purpose applications, such as: output and driver stages of amplifiers operating at frequencies from DC to greater than 1MHz;series, shunt and switching regulators; low and high frequency inverters/converters; and many others.

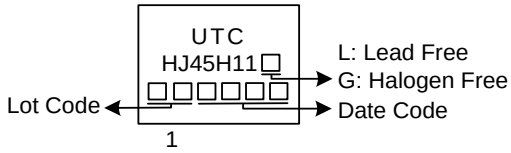
■ ORDERING INFORMATION

Ordering Number		Package	Pin Assignment			Packing
Lead Free	Halogen Free		1	2	3	
HJ45H11L-TN3-R	HJ45H11G-TN3-R	TO-252	B	C	E	Tape Reel

Note: Pin Assignment: B: Base C: Case E: Emitter

HJ45H11G-TN3-R (1)Packing Type (2)Package Type (3)Green Package	(1) R: Tape Reel (2) TN3: TO-252 (3) G: Halogen Free and Lead Free, L: Lead Free

■ MARKING



■ ABSOLUTE MAXIMUM RATINGS (T_A=25°C, unless otherwise specified)

PARAMETER	SYMBOL	RATINGS	UNIT
Collector- Emitter Voltage	V_{CEO}	-80	V
Collector-Emitter Voltage	V_{CES}	-80	V
Emitter-Base Voltage	V_{EBO}	-5	V
Collector Current	I_C	-10	A
Base Current	I_B	-5	A
Power Dissipation (T_C=25°C)	P_D	20	W
Junction Temperature	T_J	+150	°C
Storage Temperature	T_{STG}	-55 ~ +150	°C

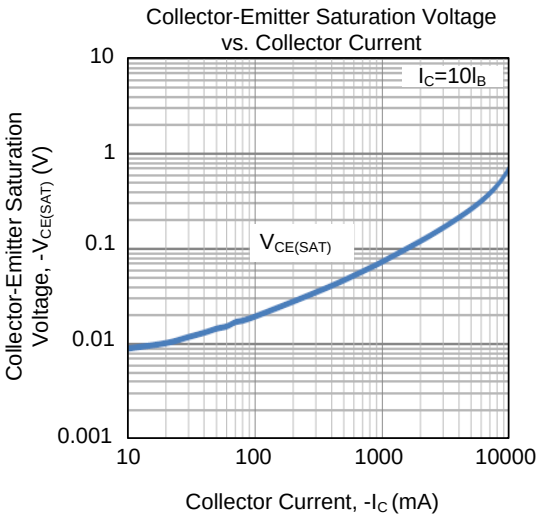
Note: Absolute maximum ratings are those values beyond which the device could be permanently damaged. Absolute maximum ratings are stress ratings only and functional device operation is not implied.

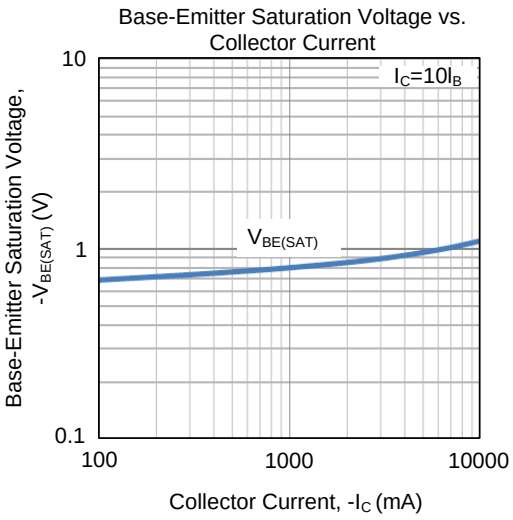
■ ELECTRICAL CHARACTERISTICS (T_A=25°C, unless otherwise specified)

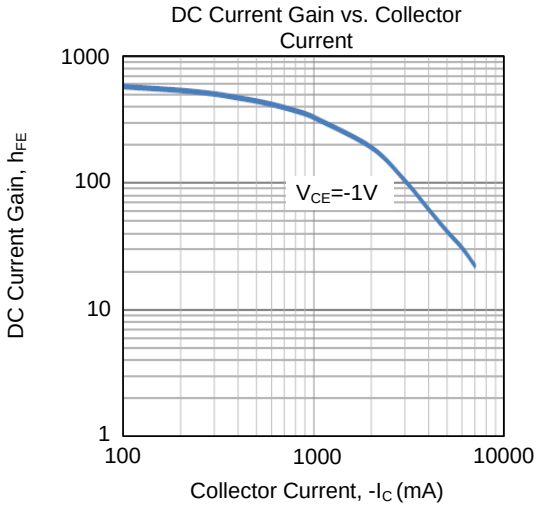
PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNIT
Collector-Emitter Breakdown Voltage	BV_{CEO}	I_C=-30mA, I_B=0	-80			V
Collector-Emitter Breakdown Voltage	BV_{CES}	I_C=-1mA, I_B=0	-80			V
Emitter-Base Breakdown Voltage	BV_{EBO}	I_E=-1mA, I_C=0	-5			V
Collector Cut-Off Current	I_{CBO}	V_{CB}=-80V, V_{EB}=0			-10	uA
Emitter Cut-off Current	I_{EBO}	V_{EB}=-5V, I_C=0			-50	uA
Collector-Emitter Saturation Voltage(Note)	$V_{CE(SAT)}$	I_C=-8A, I_B=-0.8A			-1	V
Base-Emitter Saturation Voltage(Note)	$V_{BE(SAT)}$	I_C=-8A, I_B=-0.8A			-1.5	V
DC Current Gain (Note)	h_{FE1}	V_{CE}=-1V, I_C=-2A	60			
	h_{FE2}	V_{CE}=-1V, I_C=-4A	40			
Output Capacitance	C_{OB}	V_{CB}=-10V		120		pF

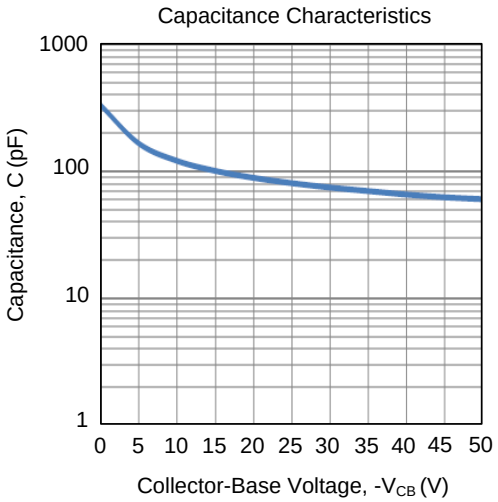
Note: Pulse Test: Pulse Width ≤ 380us, Duty Cycle ≤ 2%.

■ TYPICAL CHARACTERISTICS









单击下面可查看定价，库存，交付和生命周期等信息

>>UTC(友顺)