

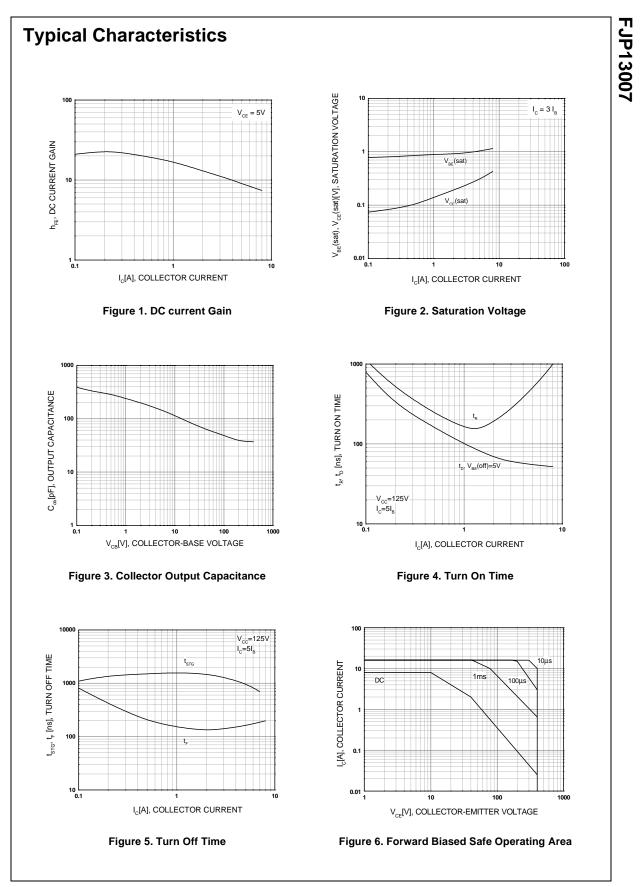
Electrical Characteristics $T_{C}=25^{\circ}C$ unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units
BV _{CEO}	Collector- Emitter Breakdown Voltage	$I_{\rm C} = 10 {\rm mA}, I_{\rm B} = 0$	400			V
I _{EBO}	Emitter Cut-off Current	$V_{EB} = 9V, I_{C} = 0$			1	mA
h _{FE1}	*DC Current Gain	$V_{CE} = 5V, I_{C} = 2A$	8		60	
h _{FE2}		$V_{CE} = 5V, I_{C} = 5A$	5		30	
V _{CE} (sat)	*Collector-Emitter Saturation Voltage	$I_{\rm C} = 2A, I_{\rm B} = 0.4A$			1	V
		$I_{\rm C} = 5A, I_{\rm B} = 1A$			2	V
		$I_{\rm C} = 8A, \ I_{\rm B} = 2A$			3	V
V _{BE} (sat)	*Base-Emitter Saturation Voltage	$I_{\rm C} = 2A, I_{\rm B} = 0.4A$			1.2	V
		$I_{\rm C} = 5 {\rm A}, \ I_{\rm B} = 1 {\rm A}$			1.6	V
C _{ob}	Output Capacitance	V _{CB} = 10V, f = 0.1MHz		110		pF
f _T	Current Gain Bandwidth Product	$V_{CE} = 10V, I_{C} = 0.5A$	4			MHz
t _{ON}	Turn On Time	$V_{CC} = 125V, I_C = 5A$			1.6	μs
t _{STG}	Storage Time	$I_{B1} = -I_{B2} = 1A$			3	μs
t _F	Fall Time	$R_L = 50\Omega$			0.7	μs

* Pulse test: PW≤300µs, Duty cycle≤2%

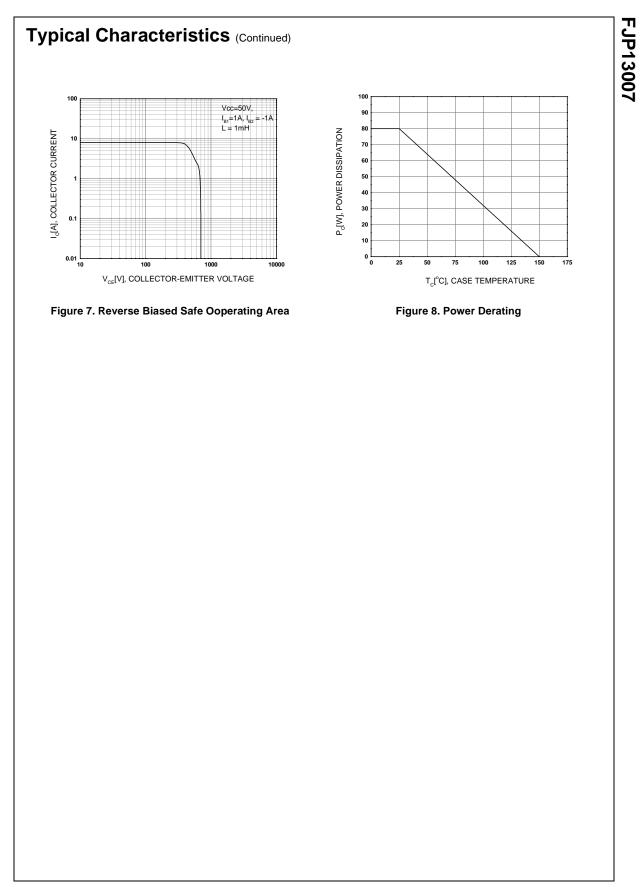
h_{FE} Classification

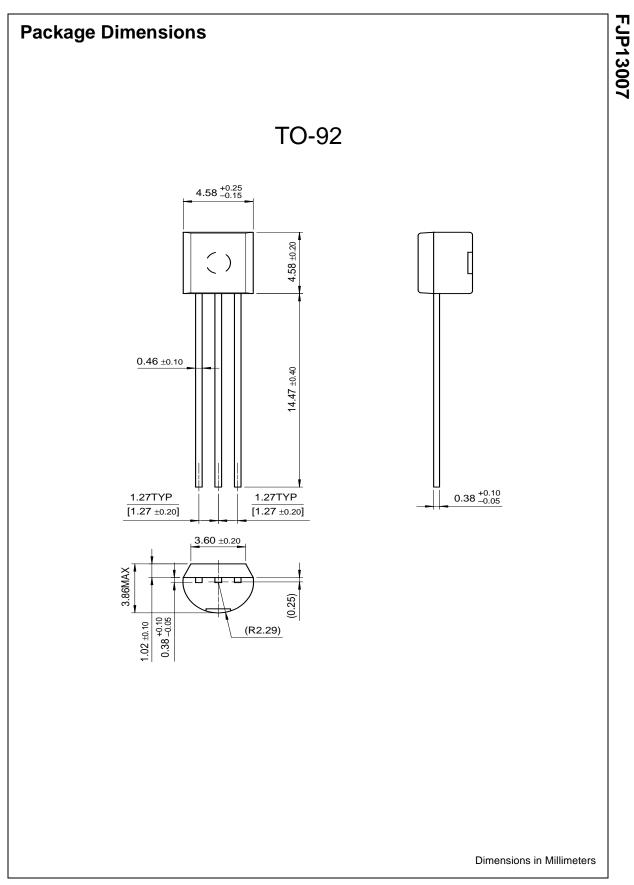
Classification	R(H1)	O(H2)
h _{FE1}	15 ~ 28	26 ~ 39
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