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Symbol	raiameter	Test condition		wax.	Units
V _{CEO} (sus)	Collector-Emitter Sustaining Voltage	I _C = 30mA, I _B = 0	100		V
I _{CEO}	Collector Cut-off Current	$V_{CE} = 50V, I_{B} = 0$		20	μΑ
I _{CBO}	Collector Cut-off Current	$V_{CB} = 100V, I_B = 0$		20	μΑ
I _{EBO}	Emitter Cut-off Current	$V_{EB} = 5V, I_{C} = 0$		2	mA
h _{FE}	* DC Current Gain	$V_{CE} = 3V, I_{C} = 0.5A$	500		
		$V_{CE} = 3V, I_{C} = 2A$	1000	12K	
		$V_{CE} = 3V, I_{C} = 4A$	200		
V _{CE} (sat)	* Collector-Emitter Saturation Voltage	$I_{\rm C} = 2A, I_{\rm B} = 8mA$		2	V
		$I_{C} = 4A, I_{B} = 40mA$		3	V
V _{BE} (sat)	* Base-Emitter Saturation Voltage	I _C = 4A, I _B = 40mA		4	V
V _{BE} (on)	* Base-Emitter On Voltage	$V_{CE} = 3A, I_C = 2A$		2.8	V
f _T	Current Gain Bandwidth Product	$V_{CE} = 10V, I_{C} = 0.75A$	25		MHz
C _{ob}	Output Capacitance	$V_{CB} = 10V, I_{E} = 0$		100	pF
		f = 0.1 MHz			

* Pulse Test: PW≤300µs, Duty Cycle≤2%



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