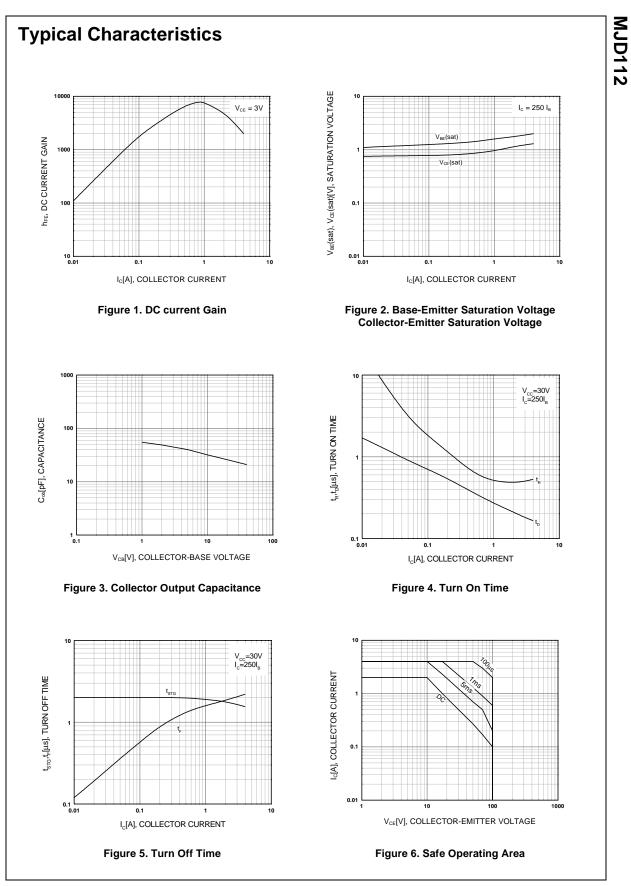


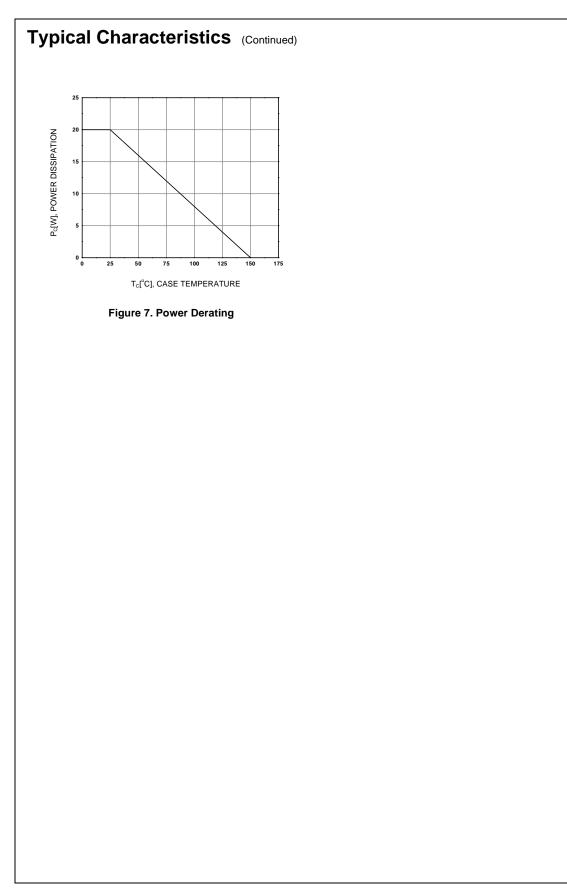
Symbol	Parameter	Test Condition	Min.	Max.	Units
V _{CEO} (sus)	Collector-Emitter Sustaining Voltage	$I_{\rm C} = 30 {\rm mA}, I_{\rm B} = 0$	100		V
I _{CEO}	Collector Cut-off Current	$V_{CE} = 50V, I_{B} = 0$		20	μΑ
I _{CBO}	Collector Cut-off Current	$V_{CB} = 100V, I_B = 0$		20	μΑ
I _{EBO}	Emitter Cut-off Current	$V_{EB} = 5V, I_{C} = 0$		2	mA
h _{FE}	* DC Current Gain	$V_{CE} = 3V, I_C = 0.5A$ $V_{CE} = 3V, I_C = 2A$ $V_{CE} = 3V, I_C = 4A$	500 1000 200	12K	
V _{CE} (sat)	* Collector-Emitter Saturation Voltage	$I_C = 2A$, $I_B = 8mA$ $I_C = 4A$, $I_B = 40mA$		2 3	V V
V _{BE} (sat)	* Base-Emitter Saturation Voltage	$I_{\rm C} = 4$ A, $I_{\rm B} = 40$ mA		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	$V_{CB} = 10V, I_E = 0$ f = 0.1MHz		100	pF

* Pulse Test: PW≤300µs, Duty Cycle≤2%

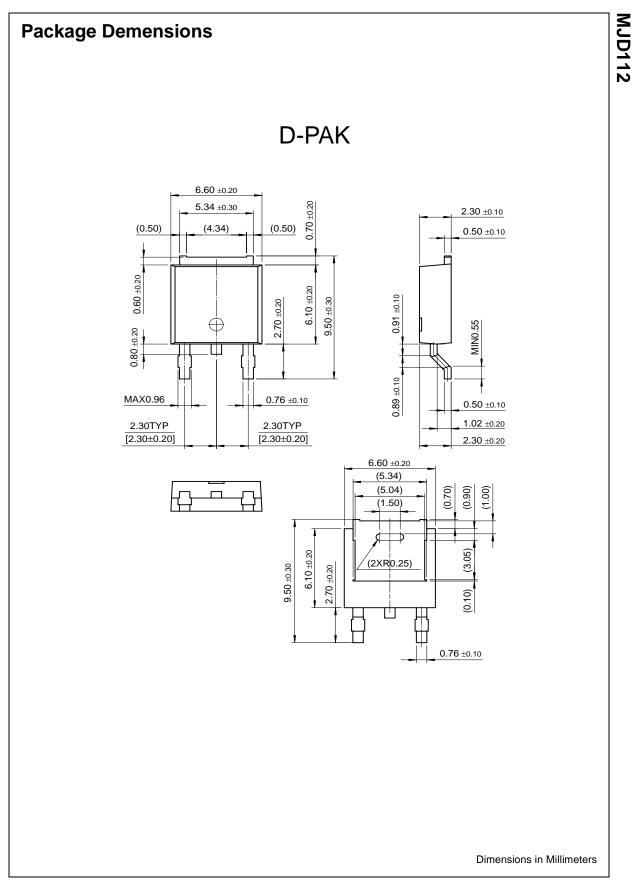


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