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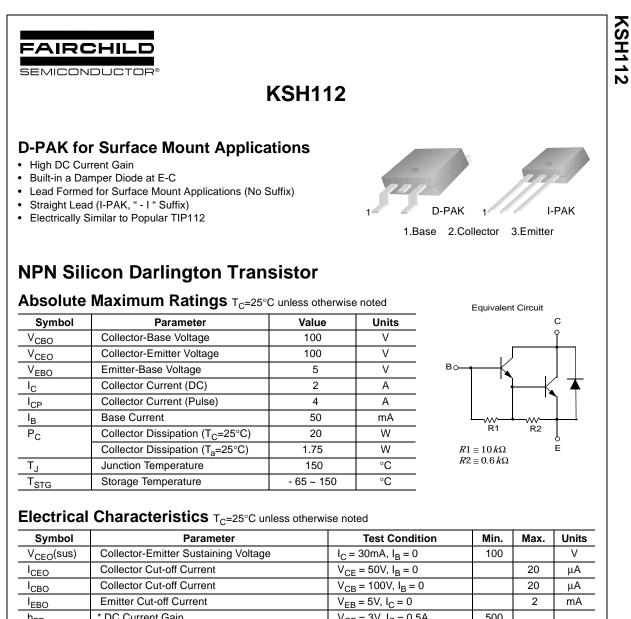


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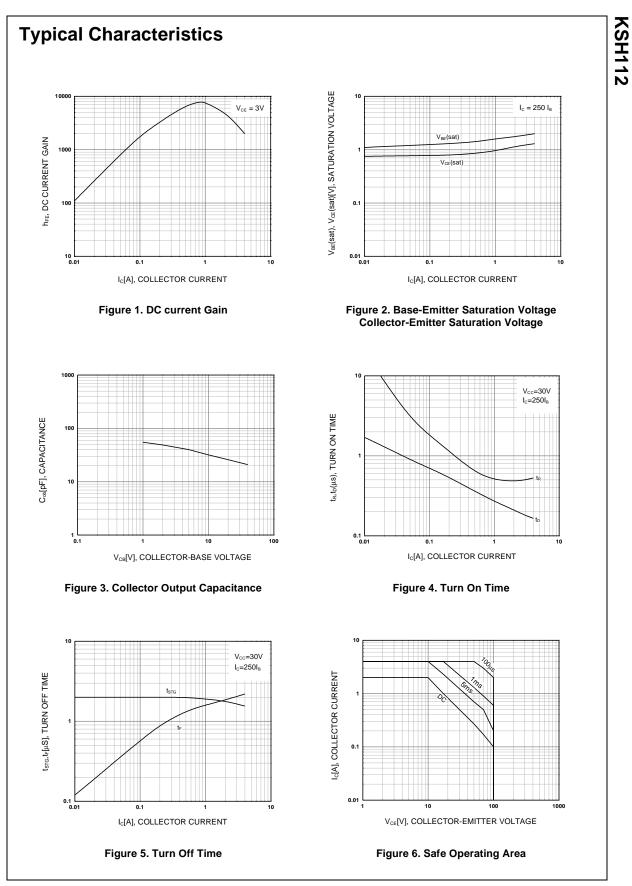
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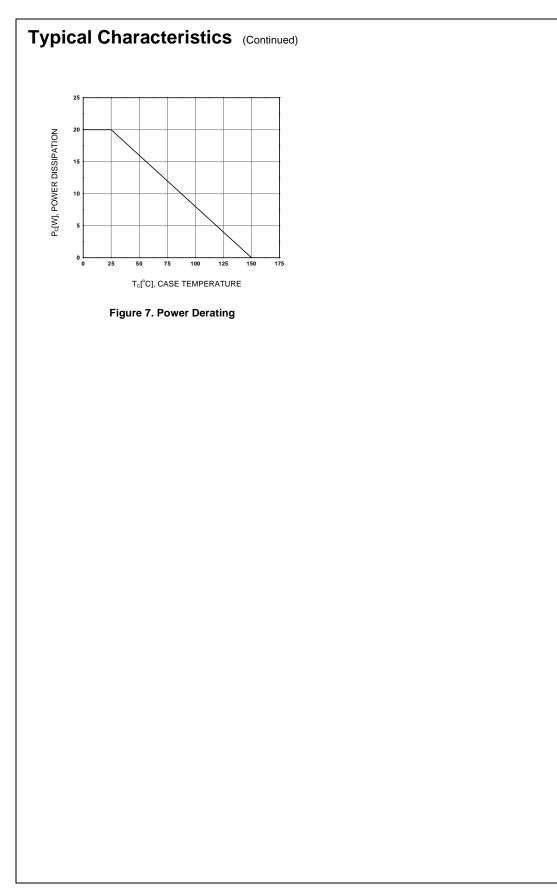


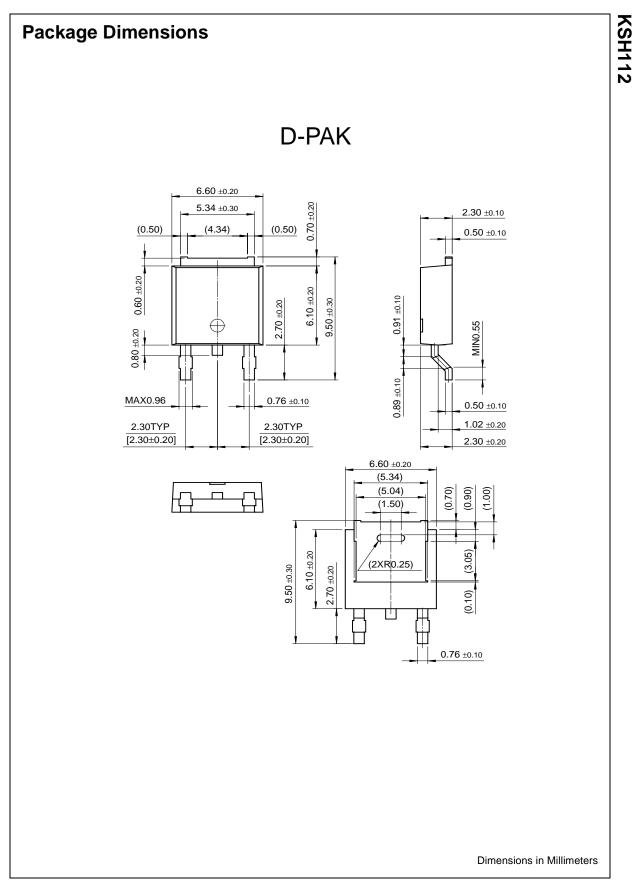
Symbol	Parameter	lest Condition	win.	wax.	Units
V _{CEO} (sus)	Collector-Emitter Sustaining Voltage	$I_{\rm C} = 30 {\rm mA}, I_{\rm B} = 0$	100		V
I _{CEO}	Collector Cut-off Current	$V_{CE} = 50V, I_B = 0$		20	μΑ
I _{CBO}	Collector Cut-off Current	$V_{CB} = 100V, I_{B} = 0$		20	μΑ
I _{EBO}	Emitter Cut-off 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%



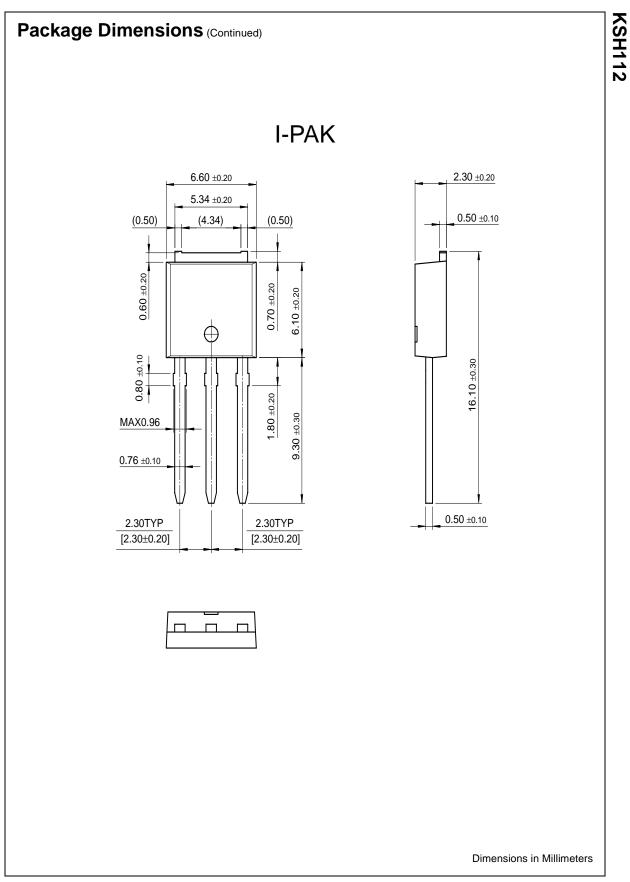
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