

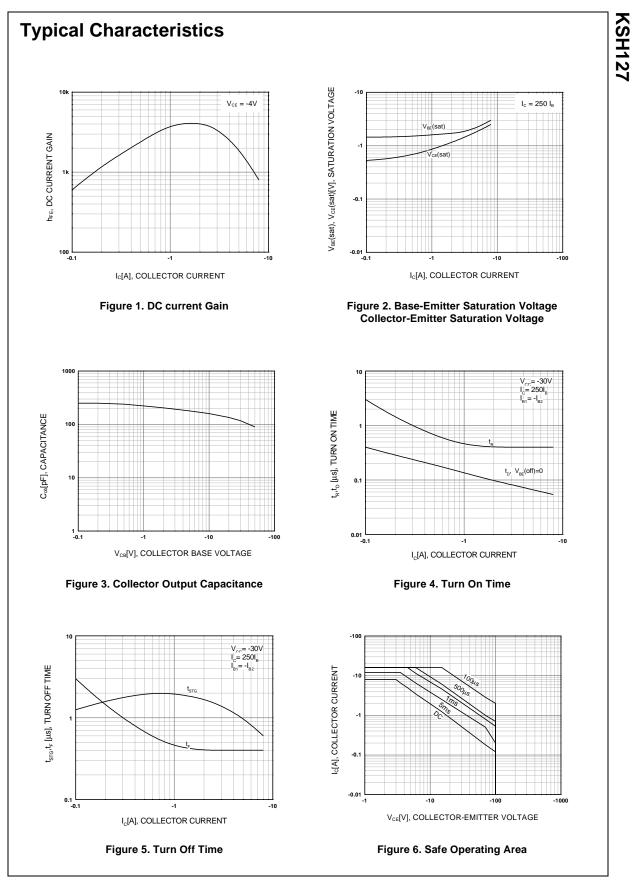
Symbol	Parameter	Test Condition	Min.	Max.	Units
V <sub>CEO</sub> (sus)	*Collector-Emitter Sustaining Voltage	$I_{\rm C} = -30 {\rm mA}, \ I_{\rm B} = 0$	- 100		V
I <sub>CEO</sub>	Collector Cut-off Current	$V_{CE} = -50V, I_B = 0$		- 10	μΑ
I <sub>CBO</sub>	Collector Cut-off Current	$V_{CB} = -100V, I_E = 0$		- 10	μΑ
I <sub>EBO</sub>	Emitter Cut-off Current	$V_{EB} = -5V, I_{C} = 0$		- 2	mA
h <sub>FE</sub>	*DC Current Gain	$V_{CE} = -4V, I_{C} = -4A$	1000	12K	
		$V_{CE} = -4V, V_{EB} = -8A$	100		
V <sub>CE</sub> (sat)	*Collector-Emitter Saturation Voltage	I <sub>C</sub> = - 4A, I <sub>B</sub> = - 16mA		- 2	V
		I <sub>C</sub> = - 8A, I <sub>B</sub> = - 80mA		- 4	V
V <sub>BE</sub> (sat)	*Base-Emitter Saturation Voltage	I <sub>C</sub> = - 8A, I <sub>B</sub> = - 80mA		- 4.5	V
V <sub>BE</sub> (on)	*Base-Emitter On Voltage	$V_{CE} = -4V, I_{C} = -4A$		- 2.8	V
C <sub>ob</sub>	Output Capacitance	$V_{CB} = -10V, I_E = 0$		300	pF
		f= 0.1MHz			

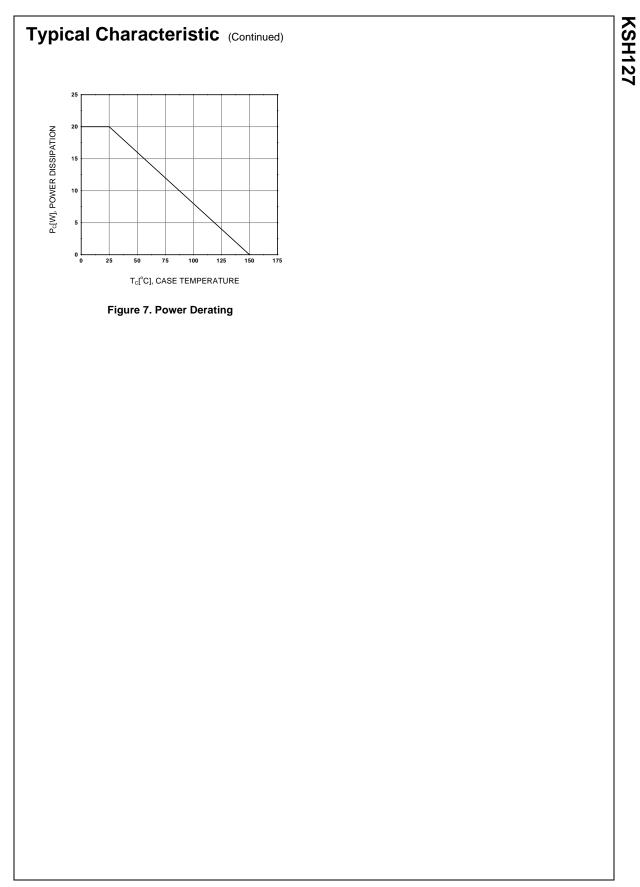
\* Pulse Test: PW $\leq$ 300µs, Duty Cycle $\leq$ 2%

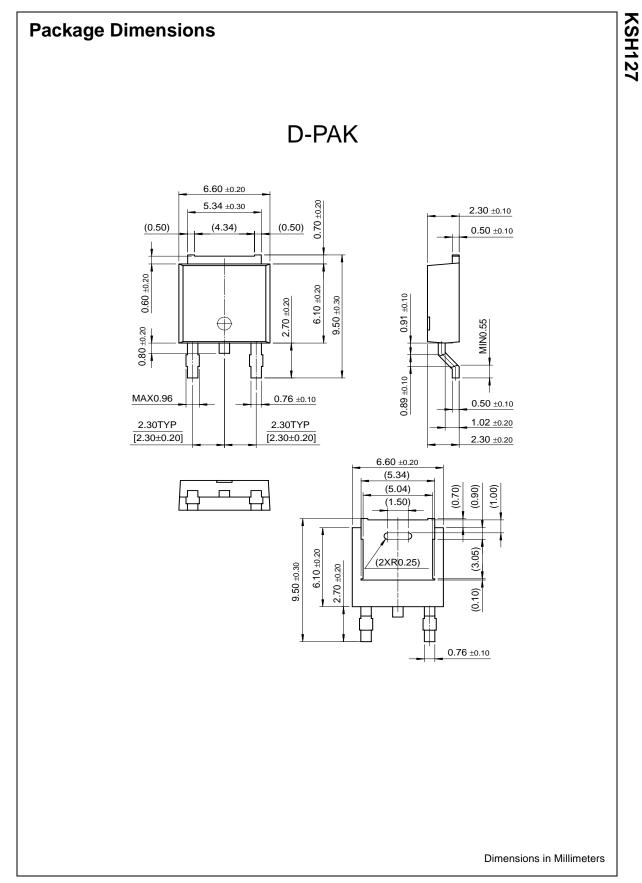
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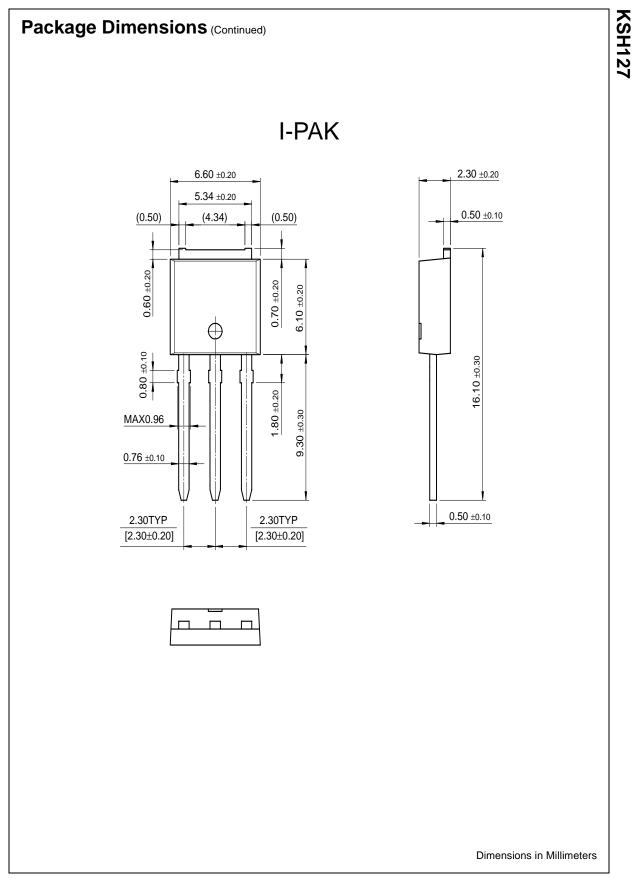
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**KSH127** 









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