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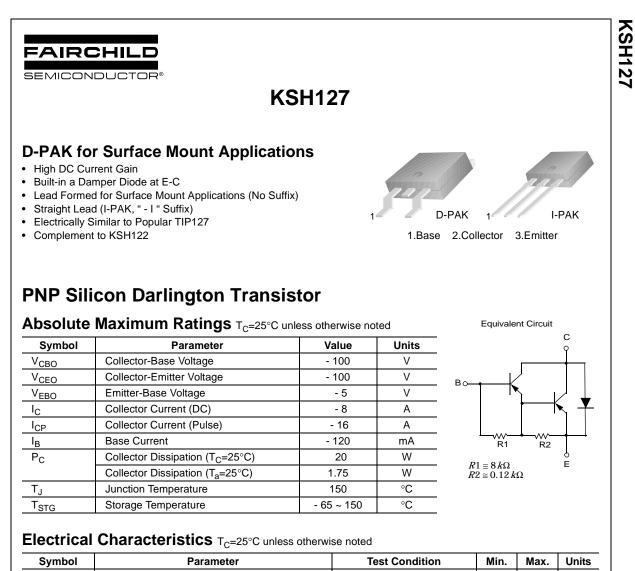


ON Semiconductor®

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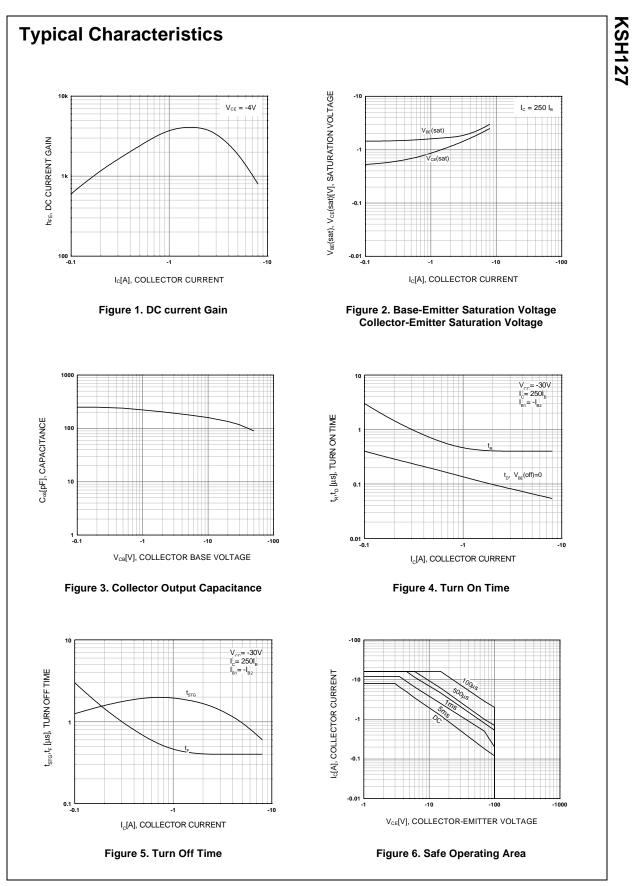
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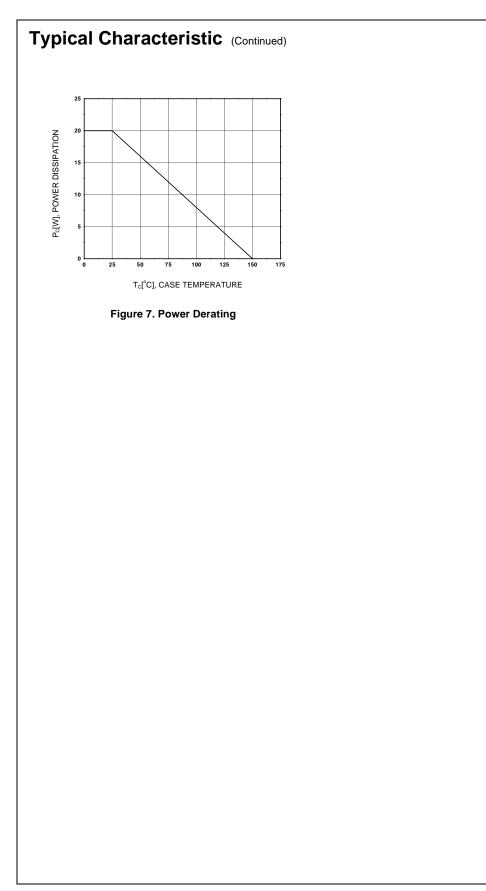
Symbol	Parameter	Test Condition	Min.	Max.	Units
V _{CEO} (sus)	*Collector-Emitter Sustaining Voltage	$I_{\rm C} = -30 {\rm mA}, \ I_{\rm B} = 0$	- 100		V
I _{CEO}	Collector Cut-off Current	$V_{CE} = -50V, I_{B} = 0$		- 10	μΑ
I _{CBO}	Collector Cut-off Current	$V_{CB} = -100V, I_{E} = 0$		- 10	μΑ
I _{EBO}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

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

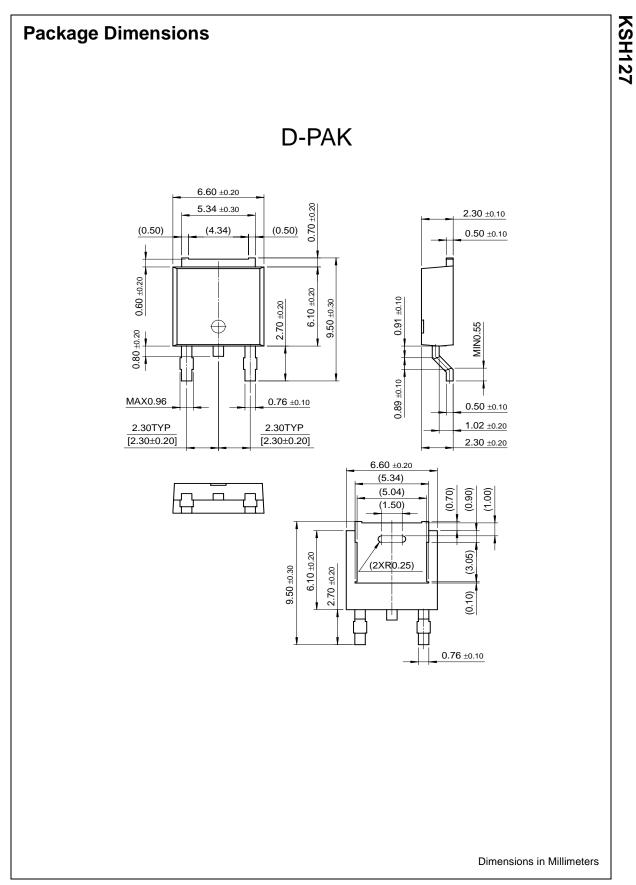


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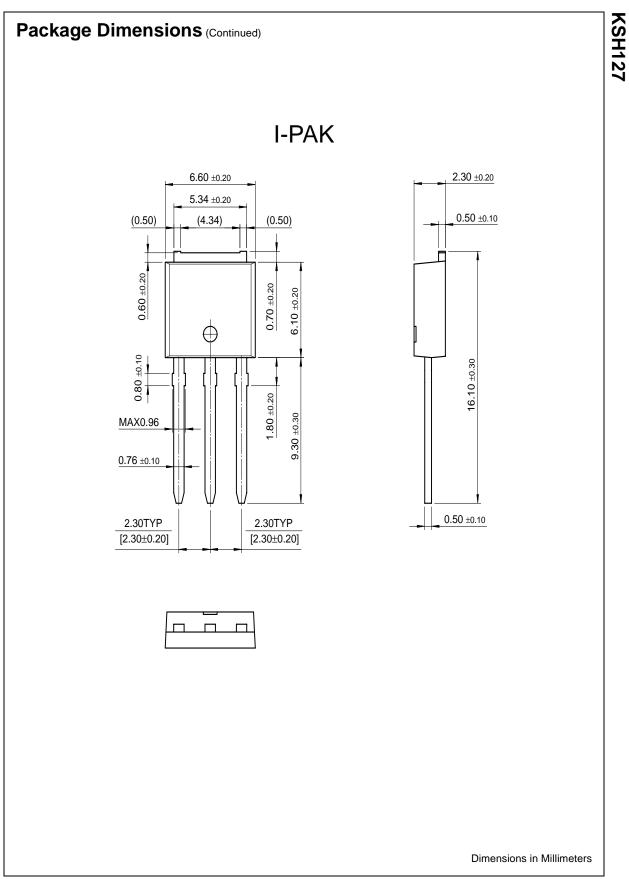
Rev. A4, October 2002



KSH127



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