imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

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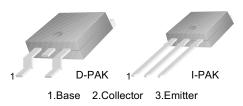


SEMICONDUCTOR®

KSH350

High Voltage Power Transistors D-PAK for Surface Mount Applications

- Lead Formed for Surface Mount Applications (No Suffix)
- Straight Lead (I-PAK, "- I" Suffix)



KSH350

PNP Epitaxial Silicon Transistor

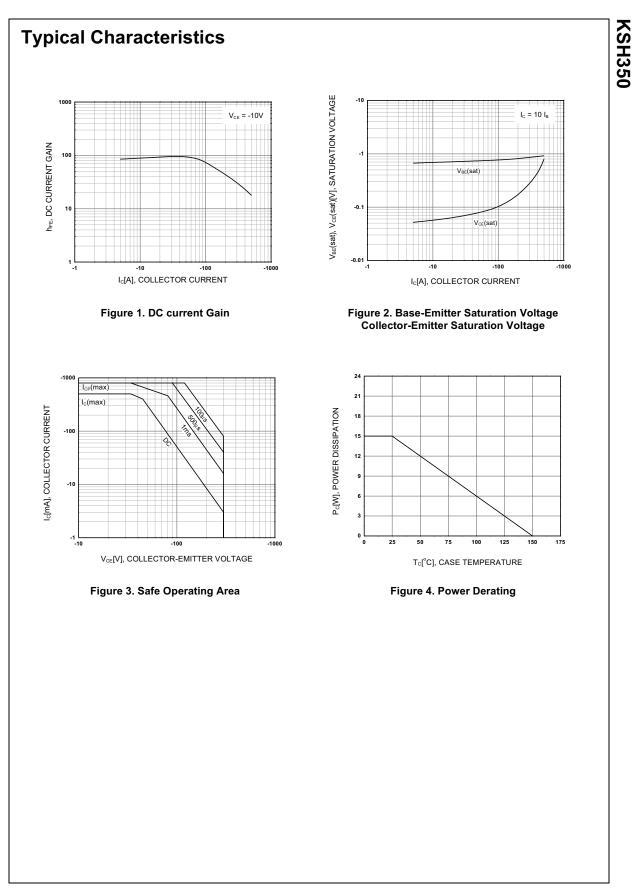
Symbol	Parameter	Value	Units
V _{CBO}	Collector-Base Voltage	- 300	V
V _{CEO}	Collector-Emitter Voltage	- 300	V
V _{EBO}	Emitter-Base Voltage	- 3	V
I _C	Collector Current (DC)	- 0.5	Α
I _{CP}	Collector Current (Pulse)	- 0.75	А
P _C	Collector Dissipation (T _C = 25°C)	15	W
	Collector Dissipation ($T_a = 25^{\circ}C$)	1.56	W
TJ	Junction Temperature	150	°C

Absolute Maximum Ratings T_C=25°C unless otherwise noted

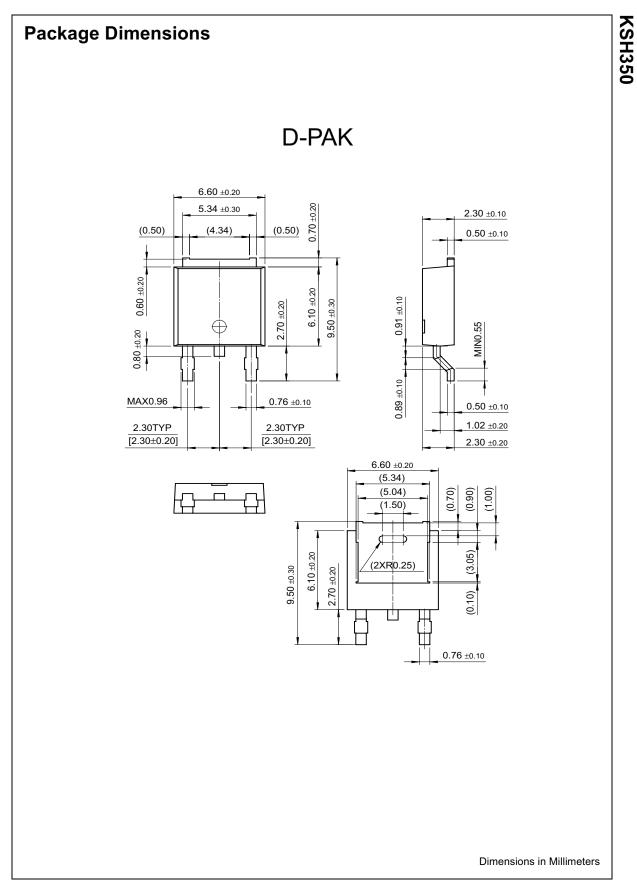
Electrical Characteristics $T_C=25^{\circ}C$ unless otherwise noted

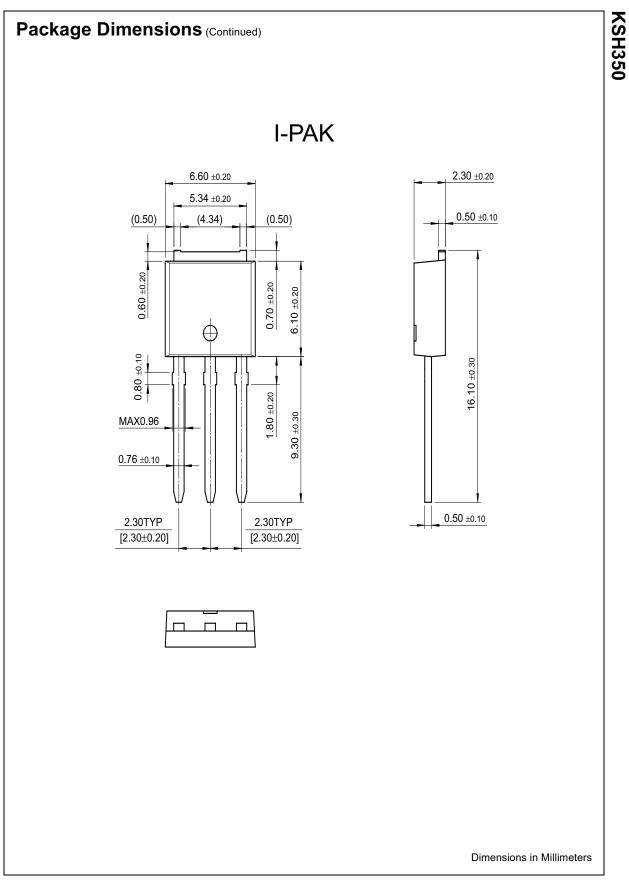
	Test Condition	Min.	Max.	Units
* Collector-Emitter Sustaining Voltage	I _C = -1mA, I _B = 0	-300		V
Collector Cut-off Current	V _{CB} = -300V, I _E =0		-0.1	mA
Emitter Cut-off Current	V _{EB} = -3V, I _C = 0		-0.1	mA
* DC Current Gain	V _{CE} = -10V, I _C = -50mA	30	240	
C E	Collector Cut-off Current Emitter Cut-off Current	Collector Cut-off Current $V_{CB} = -300V$, $I_E = 0$ Emitter Cut-off Current $V_{EB} = -3V$, $I_C = 0$ DC Current Gain $V_{CE} = -10V$, $I_C = -50mA$	Collector Cut-off Current $V_{CB} = -300V$, $I_E = 0$ Emitter Cut-off Current $V_{EB} = -3V$, $I_C = 0$ DC Current Gain $V_{CE} = -10V$, $I_C = -50mA$	Collector Cut-off Current $V_{CB} = -300V$, $I_E = 0$ -0.1Emitter Cut-off Current $V_{EB} = -3V$, $I_C = 0$ -0.1DC Current Gain $V_{CE} = -10V$, $I_C = -50mA$ 30

Rev. A4, October 2002



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