

SEMICONDUCTOR TM

KSE350

High Voltage General Purpose Applications

- High Collector-Emitter Breakdown Voltage
- Suitable for Transformer
- Complement to KSE340



PNP Epitaxial Silicon Transistor

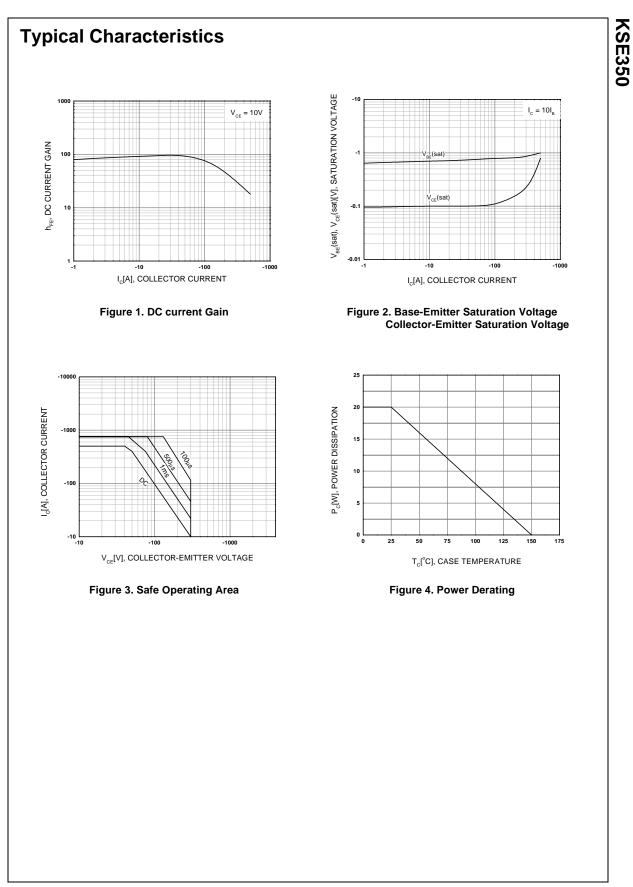
Absolute Maximum Ratings $T_{C}=25^{\circ}C$ unless otherwise noted

Symbol	Parameter	Value	Units
V _{CBO}	Collector-Base Voltage	- 300	V
V _{CEO}	Collector-Emitter Voltage	- 300	V
V _{EBO}	Emitter-Base Voltage	- 5	V
I _C	Collector Current	- 500	mA
P _C	Collector Dissipation (T _C =25°C)	20	W
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	- 65 ~ 150	°C

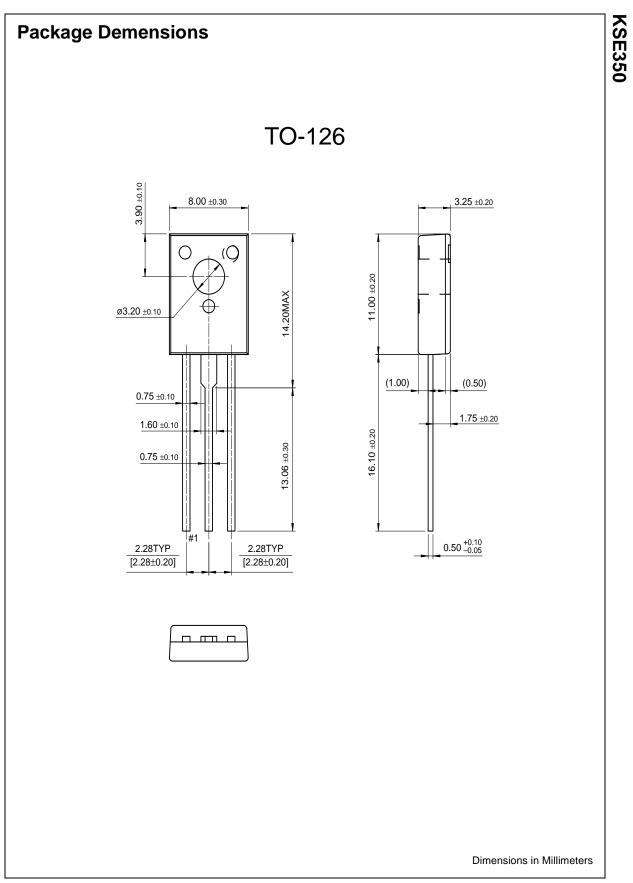
Electrical Characteristics $T_C=25^{\circ}C$ unless otherwise noted

Symbol	Parameter	Test Condition	Min.	Max.	Units
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C = - 1mA, I _B = 0	-300		V
I _{CBO}	Collector Cut-off Current	$V_{CB} = -300V, I_{E} = 0$		-100	μA
I _{EBO}	Emitter Cut-off Current	$V_{BE} = -3V, I_{C} = 0$		-100	μA
h _{FE}	DC Current Gain	V _{CE} = - 10V, I _C = - 50mA	30	240	

KSE350



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