

SEMICONDUCTOR TM

## **MJE350**

# High Voltage General Purpose Applications High Collector-Emitter Breakdown Voltage

- Suitable for Transformer
- Complement to MJE340



# .. PNP Epitaxial Silicon Transistor

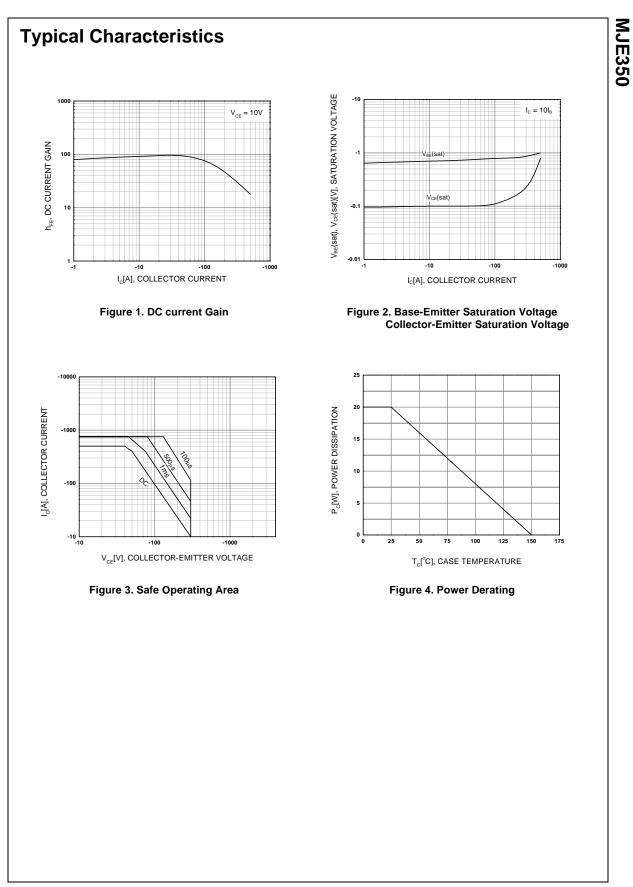
### Absolute Maximum Ratings $T_{C}=25^{\circ}C$ unless otherwise noted

Symbol	Parameter	Value	Units
V <sub>CBO</sub>	Collector-Base Voltage	- 300	V
V <sub>CEO</sub>	Collector-Emitter Voltage	- 300	V
V <sub>EBO</sub>	Emitter-Base Voltage	- 5	V
I <sub>C</sub>	Collector Current	- 500	mA
P <sub>C</sub>	Collector Dissipation (T <sub>C</sub> =25°C)	20	W
Tj	Junction Temperature	150	°C
T <sub>STG</sub>	Storage Temperature	- 65 ~ 150	°C

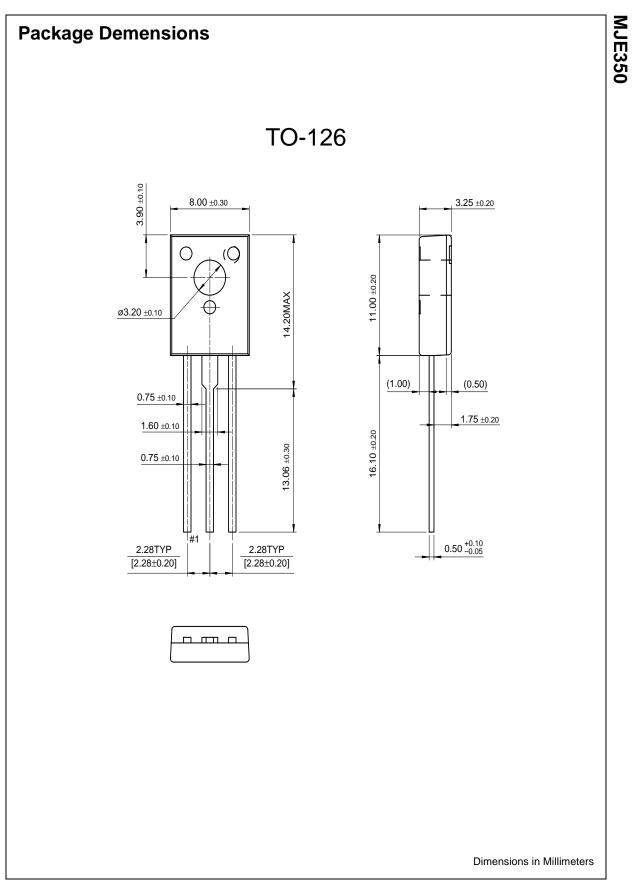
# **Electrical Characteristics** $T_C=25^{\circ}C$ unless otherwise noted

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

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