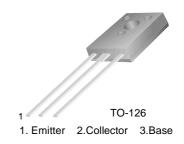


MJE340

High Voltage General Purpose Applications

- High Collector-Emitter Breakdown Voltage
- Suitable for Transformer
- Complement to MJE350



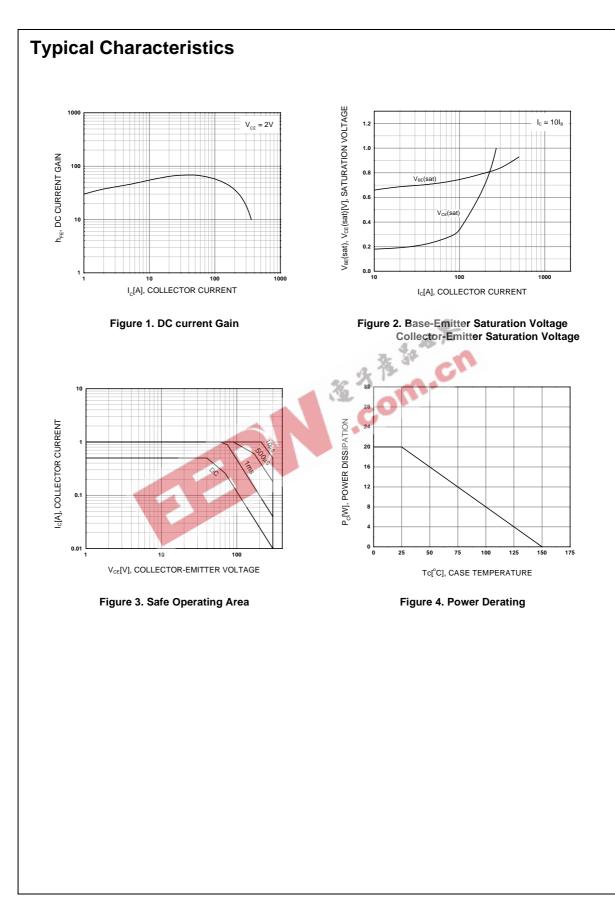
NPN Epitaxial Silicon Transistor

Absolute Maximum Ratings T_C=25°C unless otherwise noted

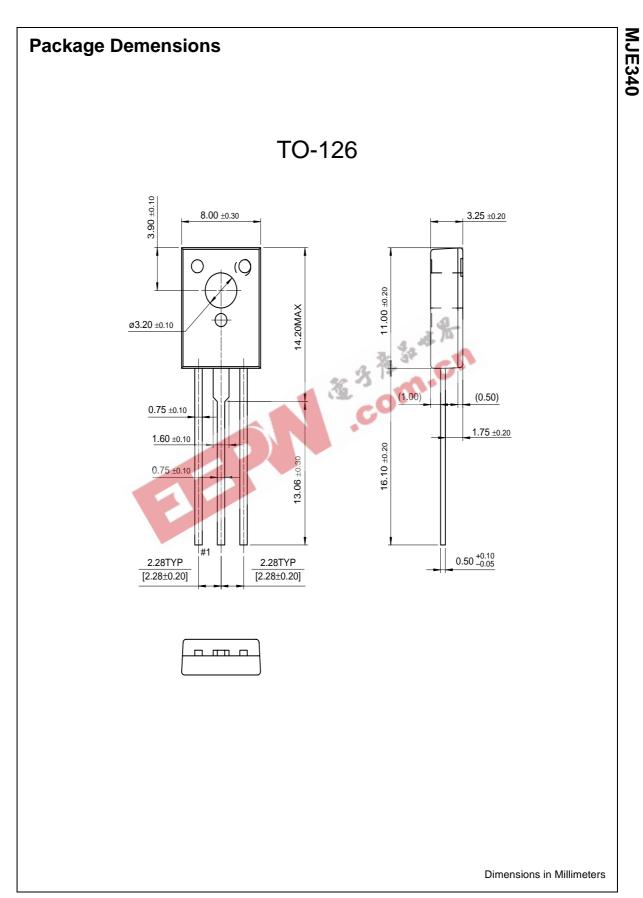
Symbol	Parameter	7. 34	Value	Units
V _{CBO}	Collector-Base Voltage	2.12	300	V
V _{CEO}	Collector-Emitter Voltage	16 ° 16	300	V
V _{EBO}	Emitter-Base Voltage	-0	5	V
С	Collector Current		500	mA
°c	Collector Dissipation (T _C =25°C)		20	W
Т _Ј	Junction Temperature		150	°C
T _{STG}	Storage Temperature		- 65 ~ 150	°C

Electrical Characteristics T_C=25°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	







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E ² CMOS™	MICROWIRE™	LILENT SWITCHER [®]
EnSigna™	OPTOLOGIC™	SMART START™
FACT™	OPTOPLANAR™	SuperSOT™-3
FACT Quiet Series™	PACMAN™	SuperSOT™-6
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Definition of Terms

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