MOTOR® 207供应商 SEMICONDUCTOR TECHNICAL DATA

Amplifier Transistor

COLLECTOR 3 BASE 1 EMITTER

MPS6507



MAXIMUM RATINGS

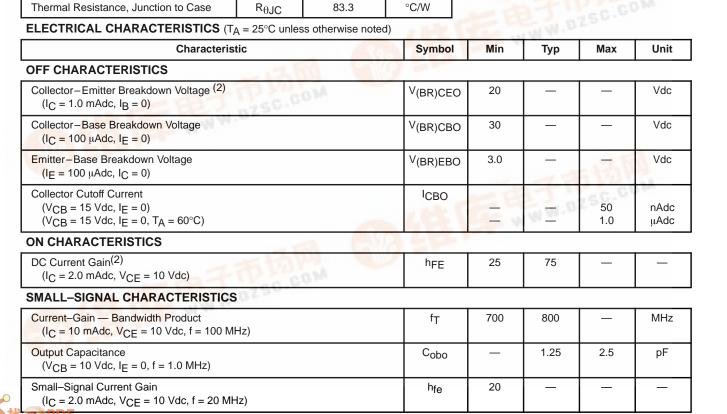
THERMAL CHARACTERISTICS Characteristic

Thermal Resistance, Junction to Ambient

Rating	Symbol	Value	Unit
Collector-Emitter Voltage	VCEO	20	Vdc
Collector-Base Voltage	VCBO	30	Vdc
Emitter-Base Voltage	VEBO	3.0	Vdc
Collector Current — Continuous	IC	50	mAdc
Total Device Dissipation @ T _A = 25°C Derate above 25°C	PD	625 5.0	m₩ m₩/°C
Total Device Dissipation @ T _C = 25°C Derate above 25°C	PD	1.5 12	Watts mW/°C
Operating and Storage Junction Temperature Range	T _J , T _{stg}	_ −55 to +150	°C

Symbol

 $R_{\theta JA}(1)$



Max

200

Unit

°C/W

Reasured with the device soldered into a typical printed circuit board.

2 Pulse Test: Pulse Width \leq 300 µs; Duty Cycle \leq 2.0%.

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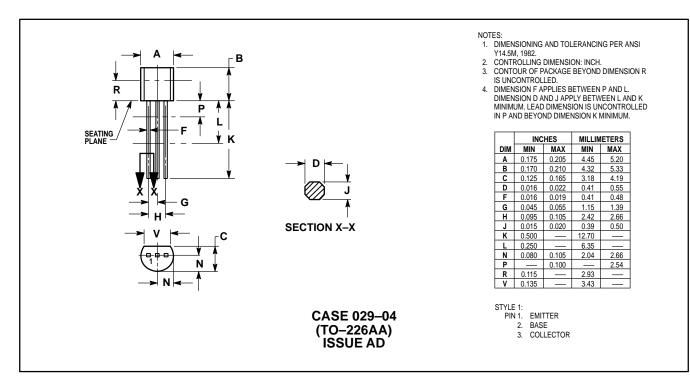


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MPS6507

PACKAGE DIMENSIONS



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