Parameter	Symbol		Rating	Unit
Collector to Base Voltage	V_{CBO}	BD544	-40	V
		BD544A	-60	V
		BD544B	-80	V
		BD544C	-100	V
Collector to Emitter Voltage	V_{CEO}	BD544	-40	V
		BD544A	-60	V
		BD544B	-80	V
		BD544C	-100	V
Emitter to Base Voltage	V_{EBO}		-5.0	V
Collector Current - Continuous	I_C		-8.0	A
Peak Collector Current	I_{CM}		-10	A

/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-5.0V I_C=0			-1.0	mA
DC Current Gain	$h_{FE(1)}$	V_{CE}=-4.0V I_C=-1.0A	60			
	$h_{FE(2)}$	V_{CE}=-4.0V I_C=-3.0A	40		200	
	$h_{FE(3)}$	V_{CE}=-4.0V I_C=-5.0A	15			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	I_B=-0.3A I_C=-3.0A			-0.6	V
		I_B=-1.0A I_C=-5.0A			-0.6	V
		I_B=-1.6A I_C=-8.0A			-1.0	V
Base to Emitter Voltage	V_{BE}	V_{CE}=-4.0V I_C=-5.0A			-1.4	V

BD544
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/ Package Dimensions

