

Excellent Integrated System Limited

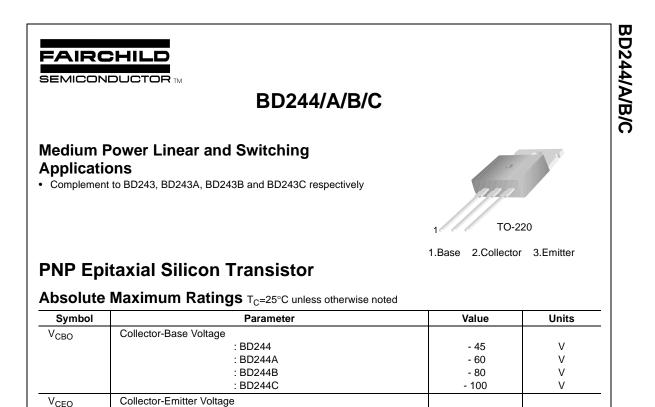
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Fairchild Semiconductor BD244CTU

For any questions, you can email us directly: <u>sales@integrated-circuit.com</u>





- 45

- 60

- 80

- 100

- 5

- 6

- 10

- 2

65

150

- 65 ~ 150

٧

V

V

V

V

А

Α

А

W

°C

°C

Electrical Characteristics T_C=25°C unless otherwise noted

Emitter-Base Voltage

Collector Current (DC)

Junction Temperature

Storage Temperature

Base Current

*Collector Current (Pulse)

Collector Dissipation (T_C=25°C)

: BD244

: BD244A

: BD244B

: BD244C

Symbol	Paramete	er	Test Condition	Min.	Тур.	Max.	Units
V _{CEO} (sus)	* Collector-Emitter Sustaining Voltage						
OLO()	:	BD244	$I_{\rm C} = -30$ mA, $I_{\rm B} = 0$	- 45			V
	:	BD244A	ů b	- 60			V
	:	BD244B		- 80			V
	:	BD244C		- 100			V
ICEO	Collector Cut-off Current	: BD244/244A	$V_{CE} = -30V, I_{B} = 0$			- 0.7	mA
		: BD244B/244C	$V_{CE} = -60V, I_B = 0$			- 0.7	mA
I _{CES}	Collector Cut-off Current	: BD244	$V_{CE} = -45V, V_{BE} = 0$			- 0.4	mA
	:	BD244A	$V_{CE} = -60V, V_{BE} = 0$			- 0.4	mA
	:	BD244B	$V_{CE} = -80V, V_{BE} = 0$			- 0.4	mA
	:	BD244C	$V_{CE} = -100V, V_{BE} = 0$			- 0.4	mA
I _{EBO}	Emitter Cut-off Current		$V_{EB} = -5V, I_{C} = 0$			- 1	mA
h _{FE}	* DC Current Gain		$V_{CE} = -4V, I_{C} = -0.3A$	30			
			$V_{CE} = -4V, I_C = -3A$	15			
V _{CE} (sat)	* Collector-Emitter Saturation Voltage		I _C = - 6A, I _B = - 1A			- 1.5	V
V _{BF} (on)	* Base-Emitter ON Voltage		$V_{CF} = -4V, I_{C} = -6A$			- 2	V

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V_{EBO}

 I_{C}

I_{CP}

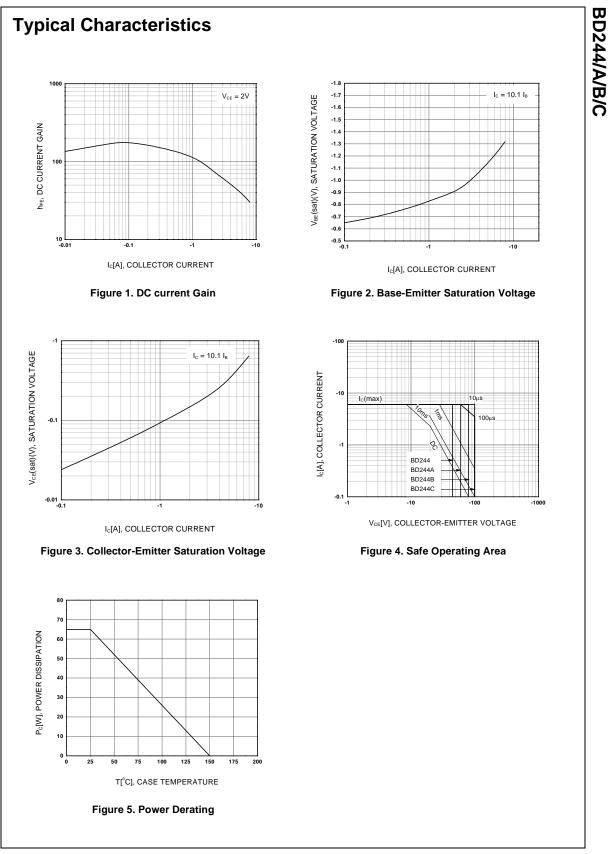
 I_B

 P_C

ТJ

T_{STG}

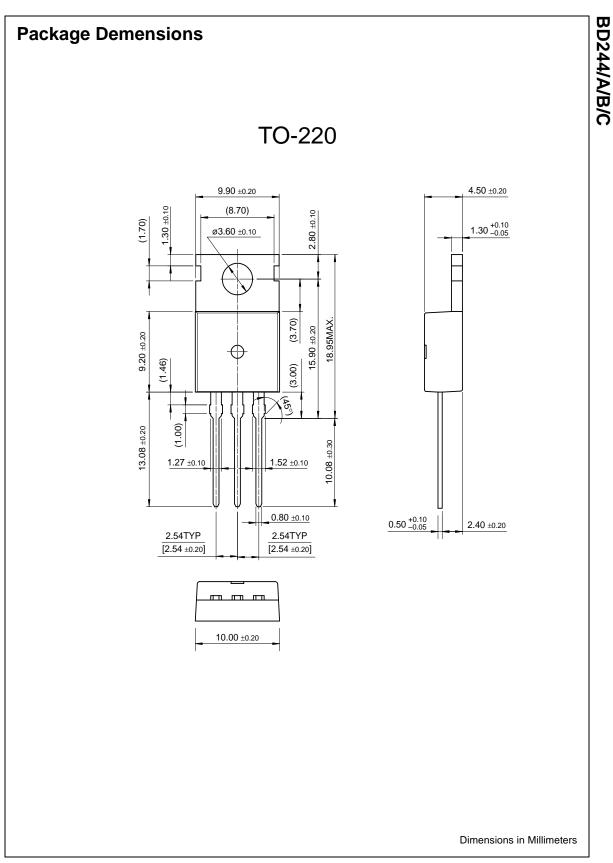




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