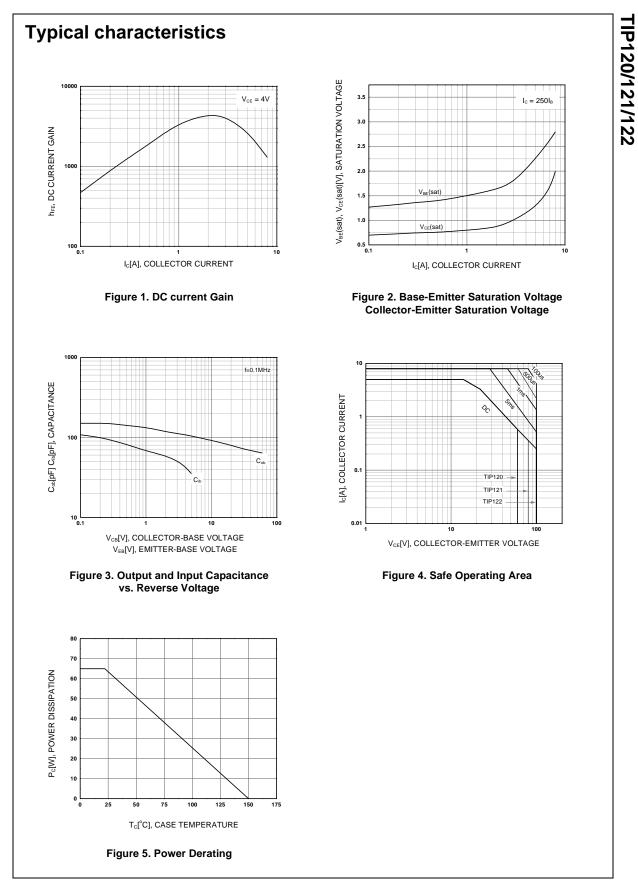


Symbol	Parameter	Test Condition	Min.	Max.	Unit
V _{CEO} (sus)	Collector-Emitter Sustaining Voltage				
	: TIP120	$I_{\rm C} = 100 {\rm mA}, I_{\rm B} = 0$	60		V
	: TIP121		80		V
	: TIP122		100		V
I _{CEO}	Collector Cut-off Current				
	: TIP120	$V_{CE} = 30V, I_{B} = 0$		0.5	mA
	: TIP121	$V_{CE} = 40V, I_{B} = 0$		0.5	mA
	: TIP122	$V_{CE} = 50V, I_{B} = 0$		0.5	mA
I _{CBO}	Collector Cut-off Current				
	: TIP120	$V_{CB} = 60V, I_E = 0$		0.2	mA
	: TIP121	$V_{CB} = 80V, I_E = 0$		0.2	mA
	: TIP122	$V_{CB} = 100V, I_E = 0$		0.2	mA
I _{EBO}	Emitter Cut-off Current	$V_{BE} = 5V, I_{C} = 0$		2	mA
h _{FE}	* DC Current Gain	$V_{CE} = 3V_{IC} = 0.5A$	1000		
		$V_{CE} = 3V, I_{C} = 3A$	1000		
V _{CE} (sat)	* Collector-Emitter Saturation Voltage	I _C = 3A, I _B = 12mA		2.0	V
		$I_{\rm C} = 5A, I_{\rm B} = 20mA$		4.0	V
V _{BE} (on)	* Base-Emitter ON Voltage	$V_{CE} = 3V, I_{C} = 3A$		2.5	V
C _{ob}	Output Capacitance	$V_{CB} = 10V, I_{E} = 0, f = 0.1MHz$		200	pF

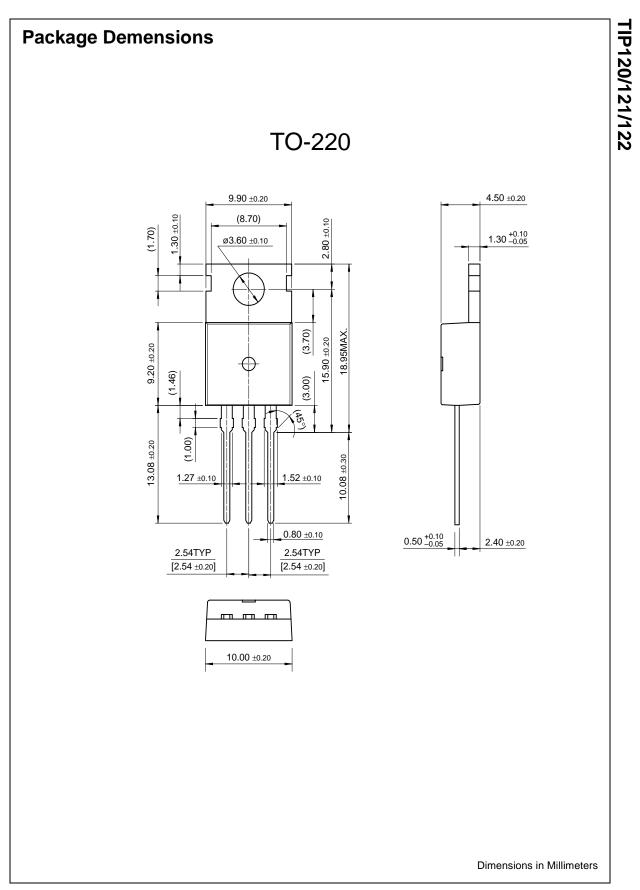
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TIP120/121/122



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