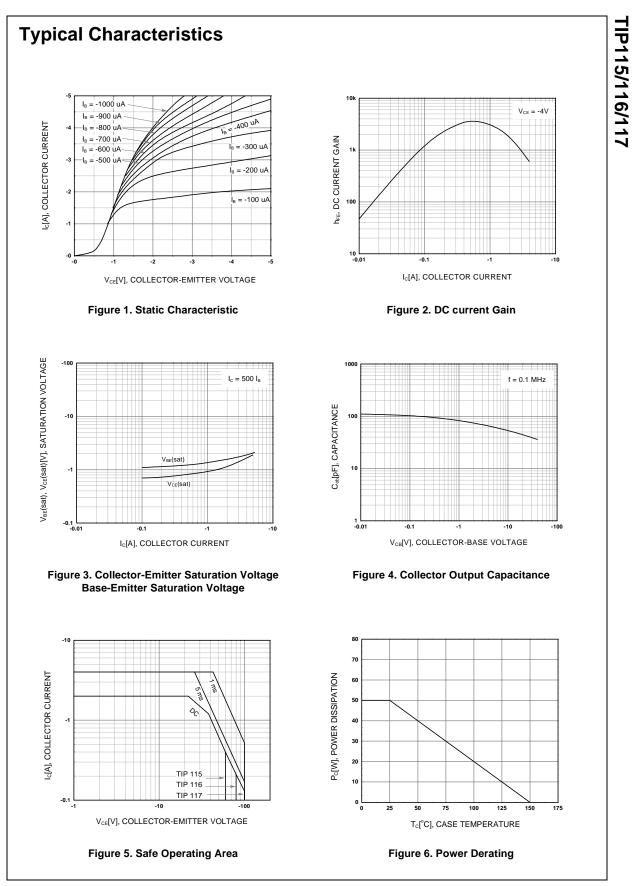


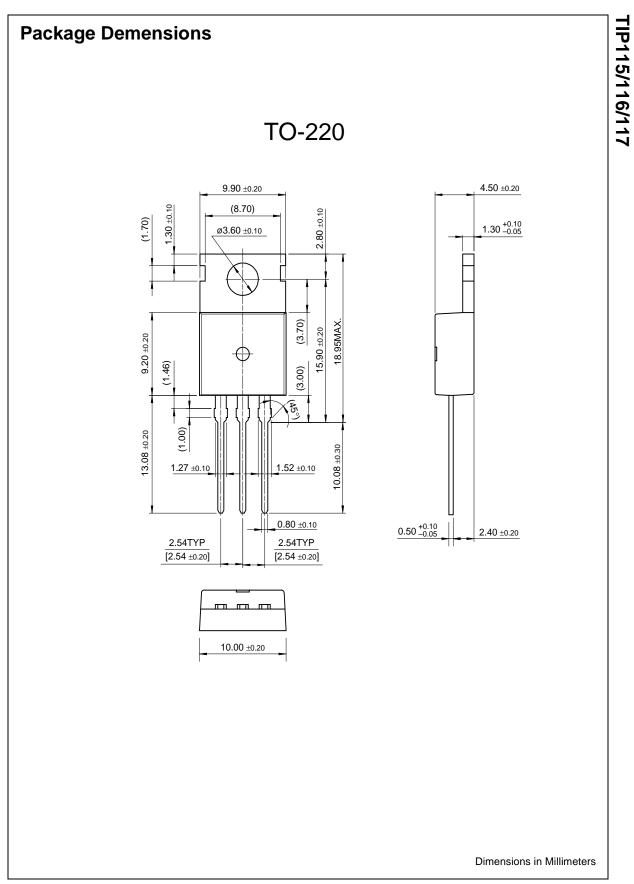
V _{CEO} (sus)	Collector-Emitter Sustaining Voltage				
	: TIP115	I _C = -30mA, I _B = 0	-60		V
	: TIP116		-80		V
	: TIP117		-100		V
I _{CEO}	Collector Cut-off Current				
	: TIP115	$V_{CE} = -30V, I_{B} = 0$		-2	mA
	: TIP116	$V_{CF} = -40V, I_{B} = 0$		-2	mA
	: TIP117	$V_{CE} = -50V, I_{B} = 0$		-2	mA
I _{CBO}	Collector Cut-off Current				
	: TIP115	$V_{CB} = -60V, I_E = 0$		-1	mA
	: TIP116	$V_{CB} = -80V, I_{E} = 0$		-1	mA
	: TIP117	$V_{CB} = -100V, I_E = 0$		-1	mA
I _{EBO}	Emitter Cut-off Current	$V_{BE} = -5V, I_{C} = 0$		-2	mA
h _{FE}	DC Current Gain	$V_{CE} = -4V, I_{C} = -1A$	1000		
		$V_{CE} = -4V, I_{C} = -2A$	500		
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = -2A, I _B = -8mA		-2.5	V
V _{BE} (on)	Base-Emitter ON Voltage	$V_{CE} = -4V, I_{C} = -2A$		-2.8	V
C _{ob}	Output Capacitance	$V_{CB} = -10V, I_E = 0, f = 0.1MHz$		200	pF

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