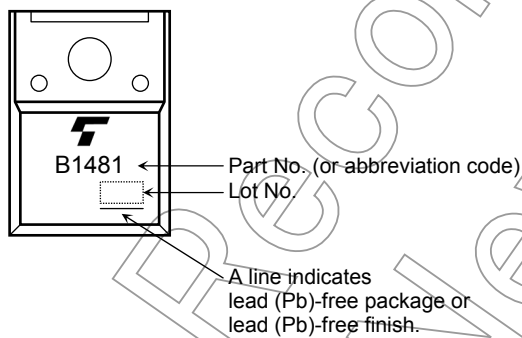
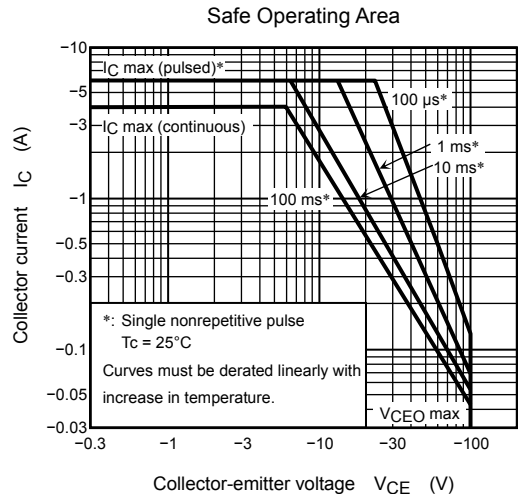
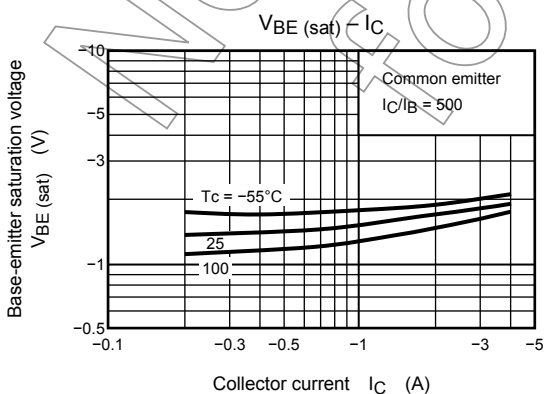
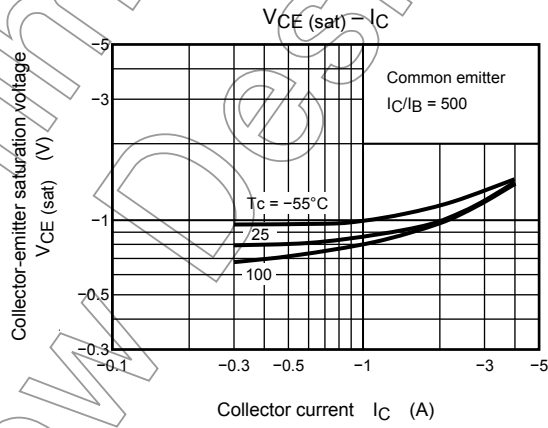
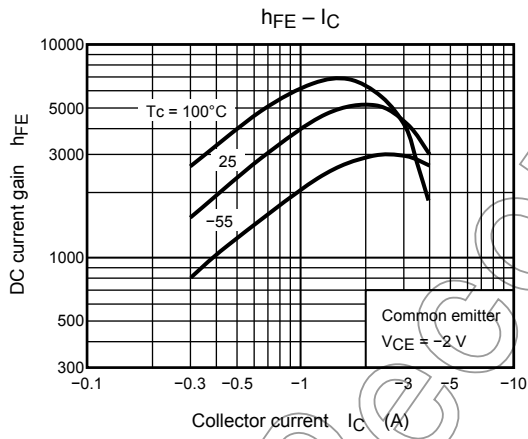
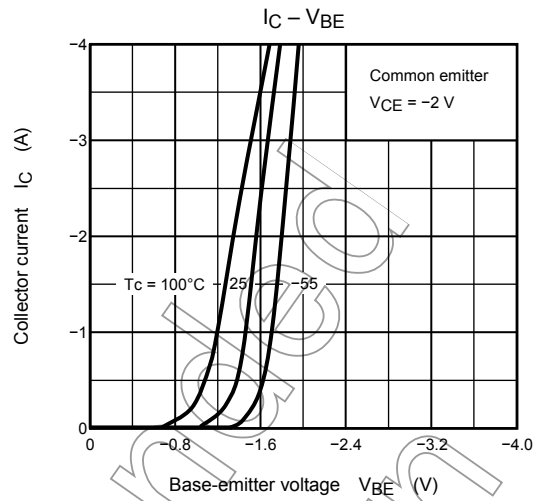
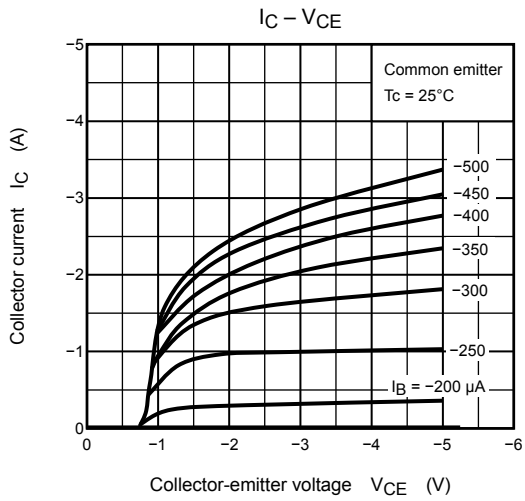


Electrical Characteristics (Tc = 25°C)

Characteristics		Symbol	Test Condition	Min	Typ.	Max	Unit
Collector cut-off current		I_{CBO}	$V_{CB} = -100\text{ V}, I_E = 0$	—	—	-2.0	μA
Emitter cut-off current		I_{EBO}	$V_{EB} = -5\text{ V}, I_C = 0$	—	—	-2.5	mA
Collector-emitter breakdown voltage		$V_{(BR)CEO}$	$I_C = -10\text{ mA}, I_B = 0$	-100	—	—	V
DC current gain		$h_{FE(1)}$	$V_{CE} = -2\text{ V}, I_C = -1.5\text{ A}$	2000	—	—	
		$h_{FE(2)}$	$V_{CE} = -2\text{ V}, I_C = -3\text{ A}$	1000	—	—	
Collector-emitter saturation voltage		$V_{CE(sat)}$	$I_C = -3\text{ A}, I_B = -6\text{ mA}$	—	—	-1.5	V
Base-emitter saturation voltage		$V_{BE(sat)}$	$I_C = -3\text{ A}, I_B = -6\text{ mA}$	—	—	-2.0	V
Collector-emitter reverse voltage		V_{CEO}	$I_C = 1\text{ A}, I_B = 0$	—	—	2.0	V
Switching time	Turn-on time	t_{on}	<p>$-I_{B1} = I_{B2} = 6\text{ mA}, \text{duty cycle} \leq 1\%$</p>	—	0.15	—	μs
	Storage time	t_{stg}		—	0.80	—	
	Fall time	t_f		—	—	0.40	

Marking





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20070701-EN

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