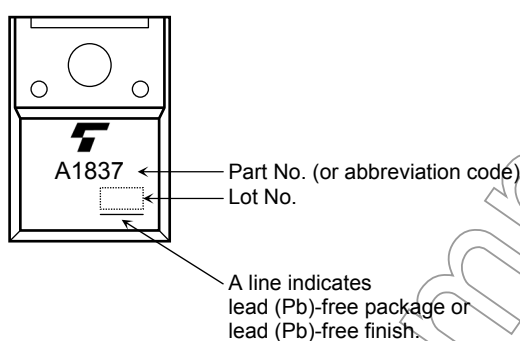
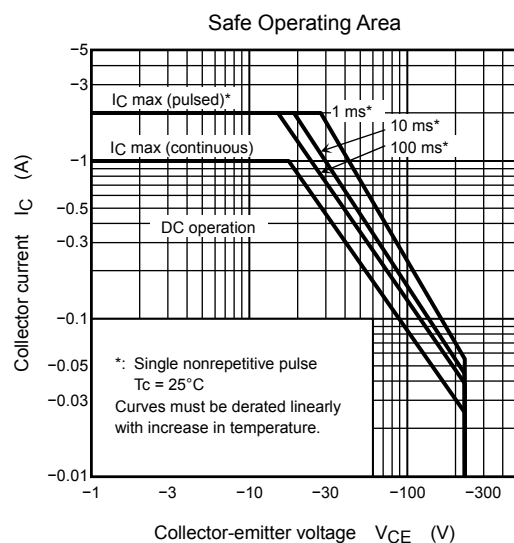
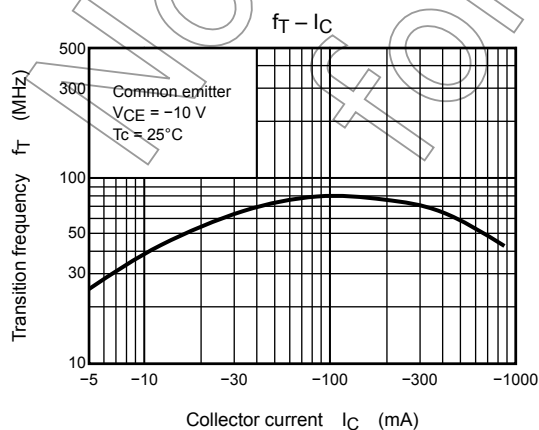
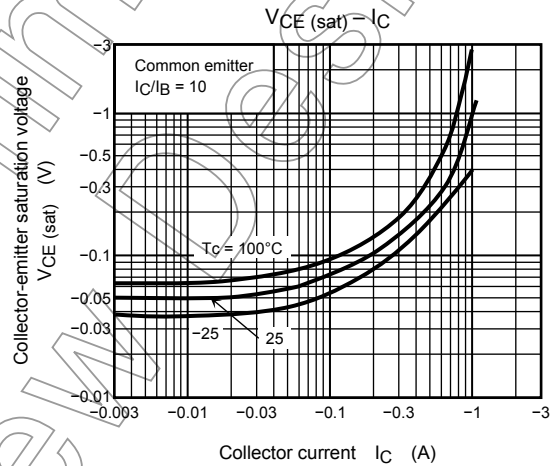
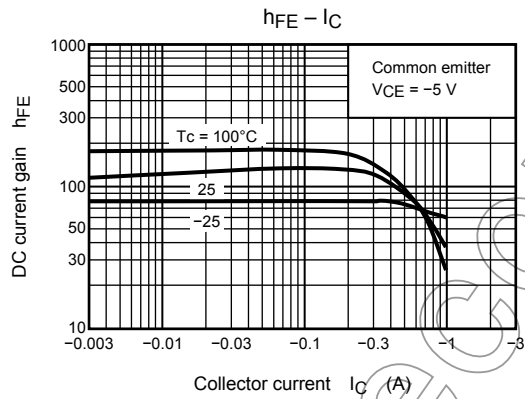
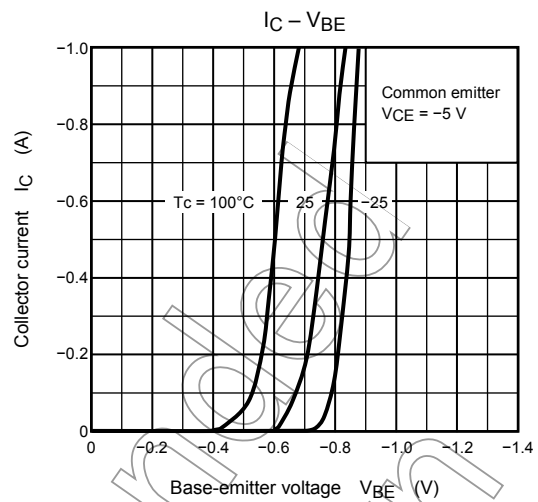
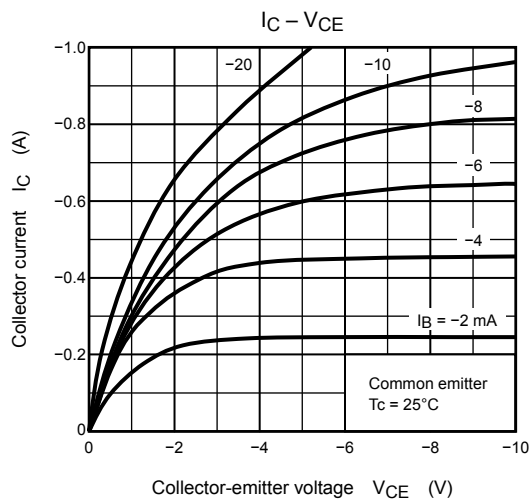


Electrical Characteristics (Tc = 25°C)

Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Collector cut-off current	I_{CBO}	$V_{CB} = -230\text{ V}, I_E = 0$	—	—	-1.0	μA
Emitter cut-off current	I_{EBO}	$V_{EB} = -5\text{ V}, I_C = 0$	—	—	-1.0	μA
Collector-emitter breakdown voltage	$V_{(BR) CEO}$	$I_C = -10\text{ mA}, I_B = 0$	-230	—	—	V
DC current gain	h_{FE}	$V_{CE} = -5\text{ V}, I_C = -100\text{ mA}$	100	—	320	
Collector-emitter saturation voltage	$V_{CE(sat)}$	$I_C = -500\text{ mA}, I_B = -50\text{ mA}$	—	—	-1.5	V
Base-emitter voltage	V_{BE}	$V_{CE} = -5\text{ V}, I_C = -500\text{ mA}$	—	—	-1.0	V
Transition frequency	f_T	$V_{CE} = -10\text{ V}, I_C = -100\text{ mA}$	—	70	—	MHz
Collector output capacitance	C_{ob}	$V_{CB} = -10\text{ V}, I_C = 0, f = 1\text{ MHz}$	—	30	—	pF

Marking





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20070701-EN

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