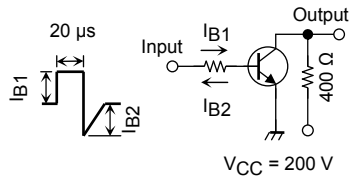
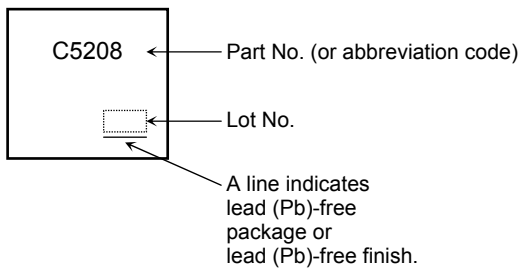
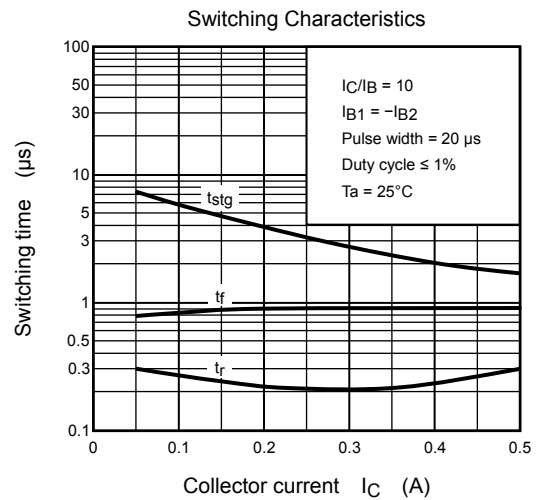
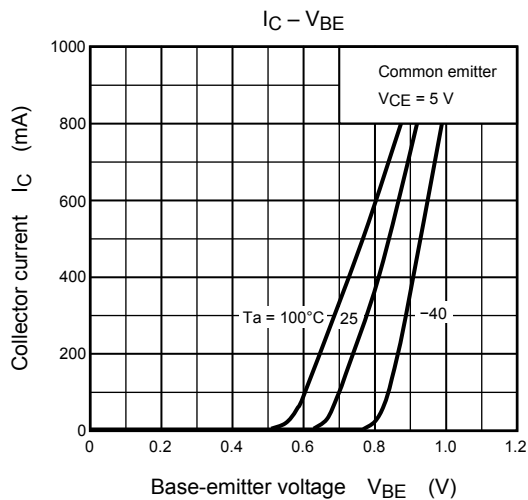
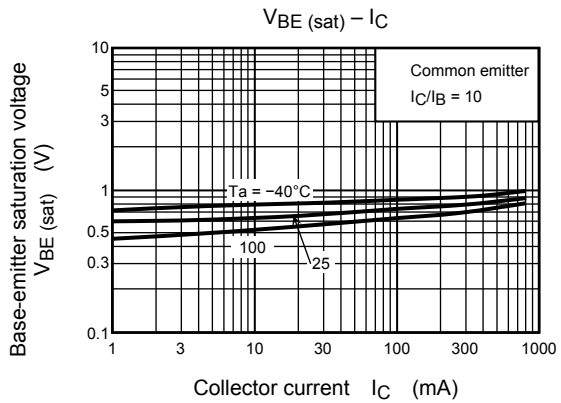
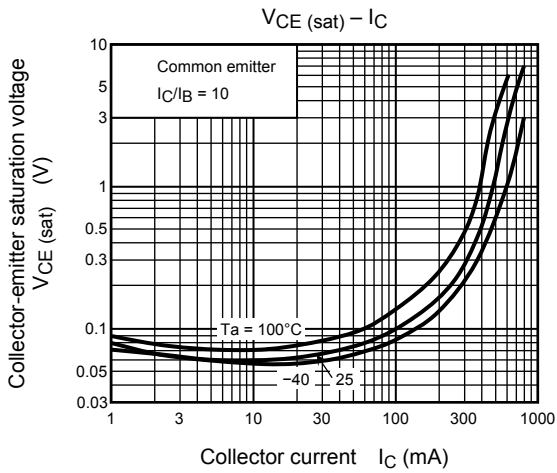
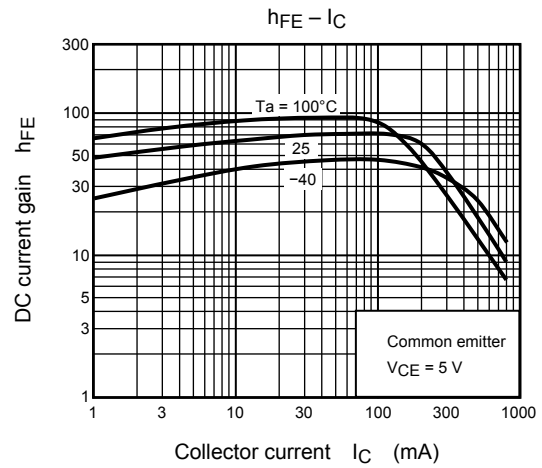
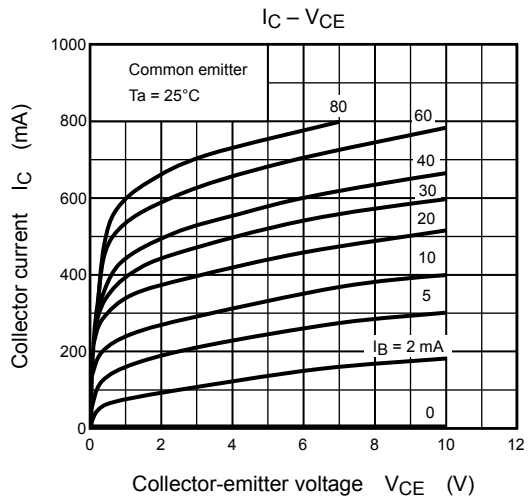


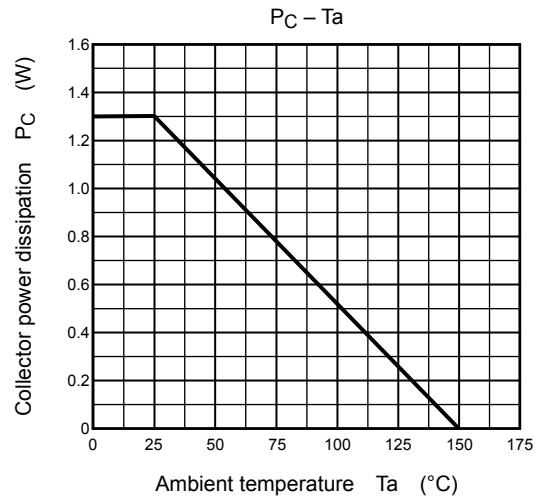
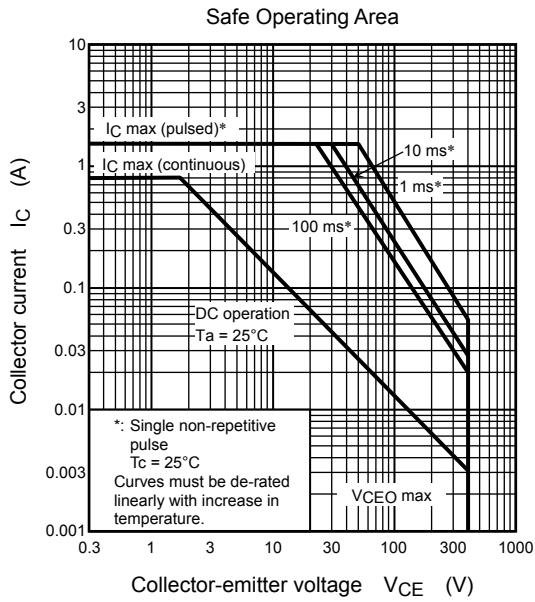
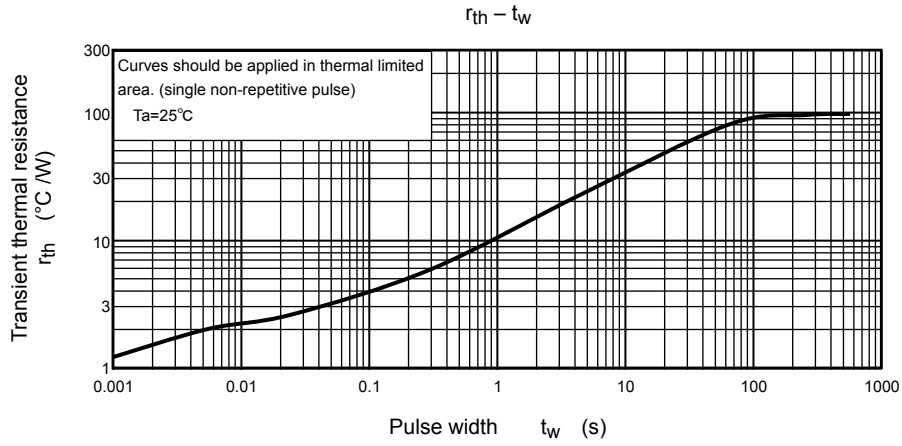
Electrical Characteristics (Ta = 25°C)

Characteristic		Symbol	Test Conditions	Min	Typ.	Max	Unit
Collector cut-off current		I_{CBO}	$V_{CB} = 600\text{ V}, I_E = 0$	—	—	100	μA
Emitter cut-off current		I_{EBO}	$V_{EB} = 7\text{ V}, I_C = 0$	—	—	100	μA
DC current gain		$h_{FE} (1)$	$V_{CE} = 5\text{ V}, I_C = 0.1\text{ A}$	20	—	80	
		$h_{FE} (2)$	$V_{CE} = 5\text{ V}, I_C = 0.5\text{ A}$	12	—	—	
Collector-emitter saturation voltage		$V_{CE} (\text{sat})$	$I_C = 0.1\text{ A}, I_B = 0.01\text{ A}$	—	—	0.4	V
Base-emitter saturation voltage		$V_{BE} (\text{sat})$	$I_C = 0.1\text{ A}, I_B = 0.01\text{ A}$	—	—	1.0	V
Switching time	Rise time	t_r	 <p>$I_{B1} = -I_{B2} = 0.05\text{ A}$, duty cycle $\leq 1\%$</p>	—	—	1.0	μs
	Storage time	t_{stg}		—	—	2.5	
	Fall time	t_f		—	—	1.5	

Marking







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20070701-EN

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