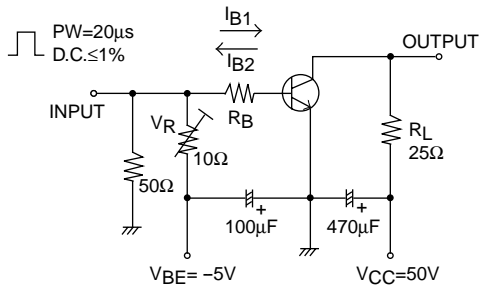


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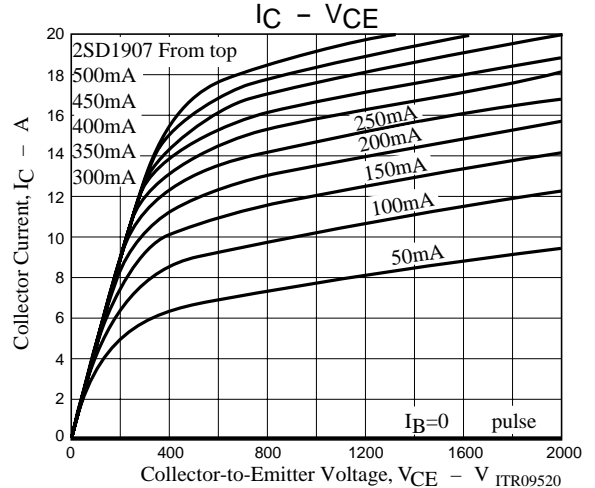
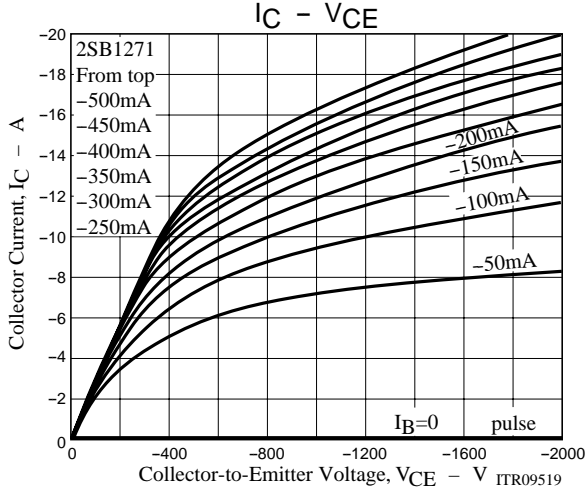
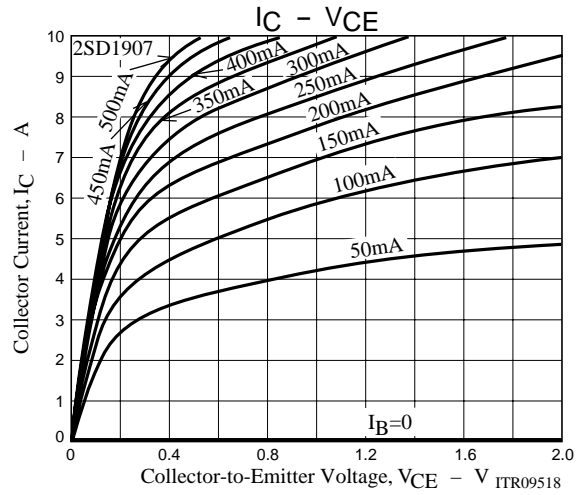
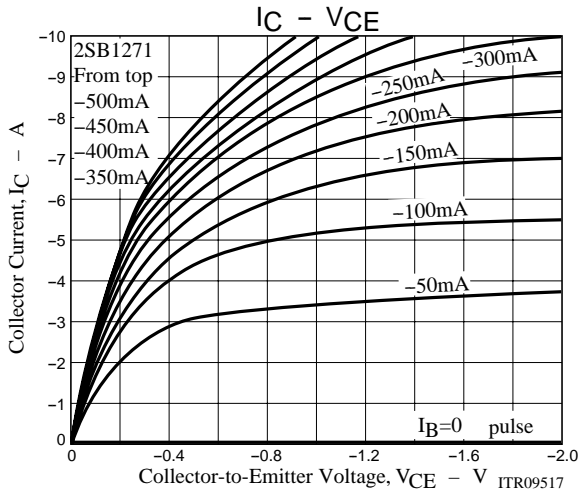
Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector-to-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=(-)4A, I_B=(-)0.4A$			0.4	V
					(-0.5)	V
Collector-to-Base Breakdown Voltage	$V_{(BR)CBO}$	$I_C=(-)1mA, I_E=0$	(-)	90		V
Collector-to-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=(-)1mA, R_{BE}=\infty$	(-)	80		V
Emitter-to-Base Breakdown Voltage	$V_{(BR)EBO}$	$I_E=(-)1mA, I_C=0$	(-)	6		V
Turn-ON Time	t_{on}	See specified test circuit.		(0.2)		μs
					0.1	μs
Storage Time	t_{stg}	See specified test circuit.		(0.7)		μs
					1.6	μs
Fall Time	t_f	See specified test circuit.		(0.2)		μs
					0.4	μs

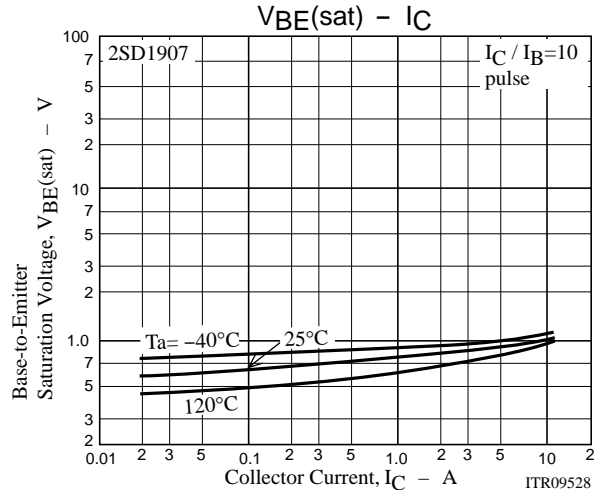
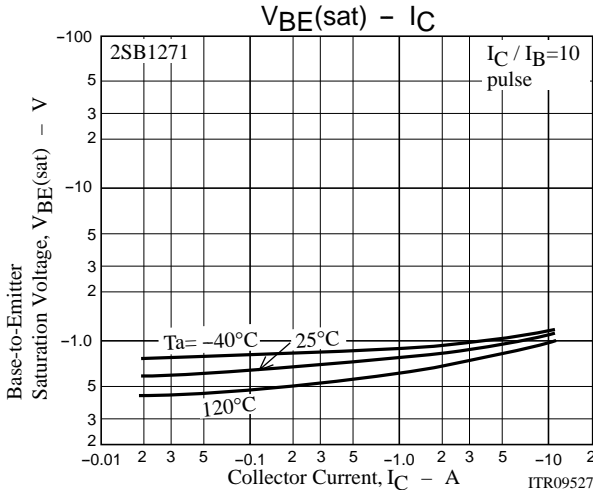
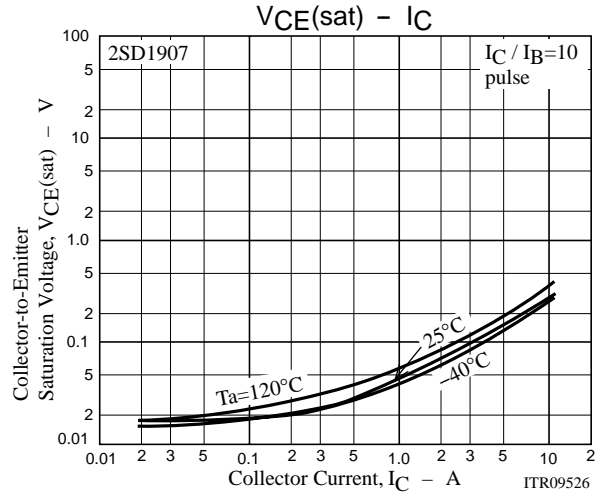
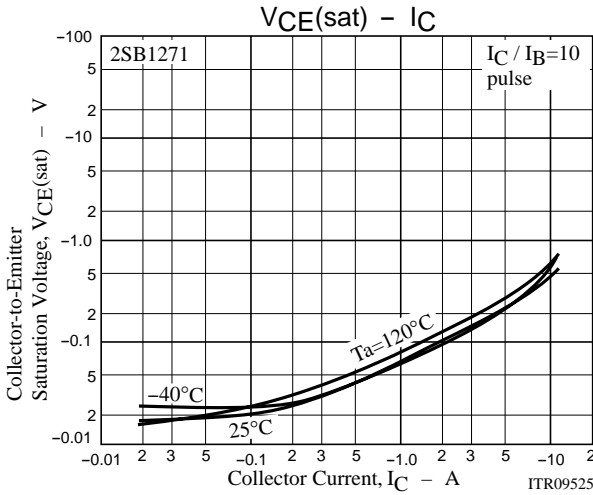
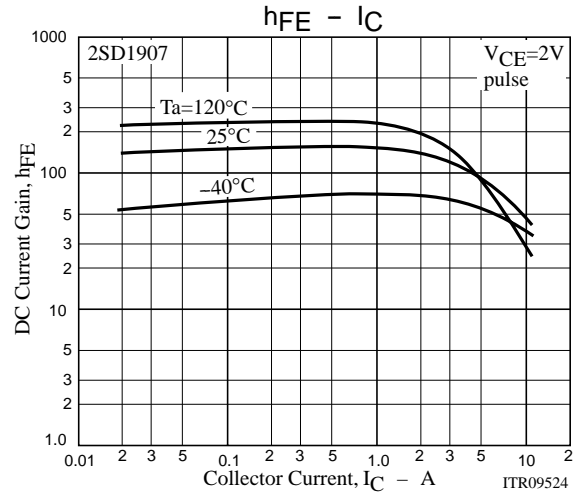
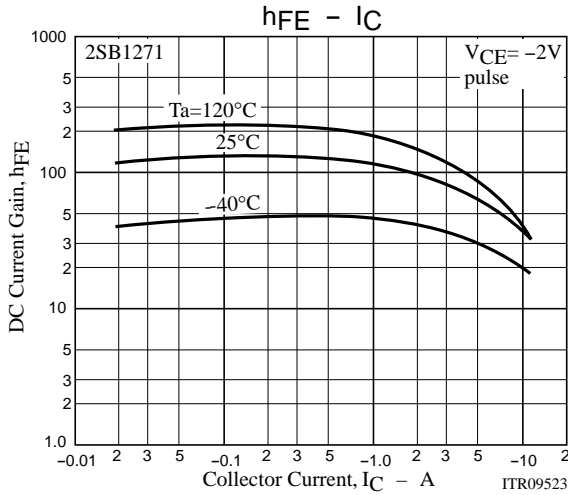
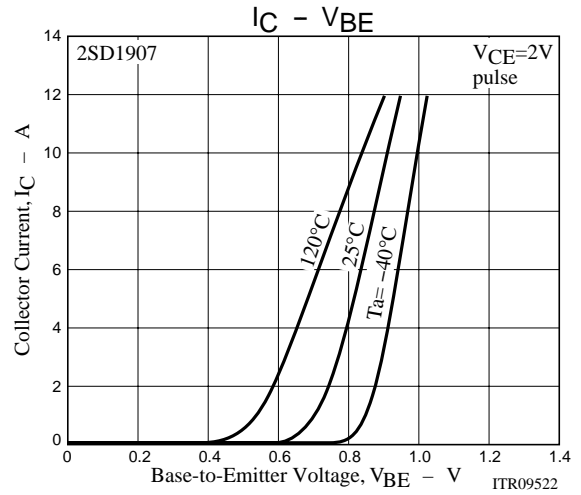
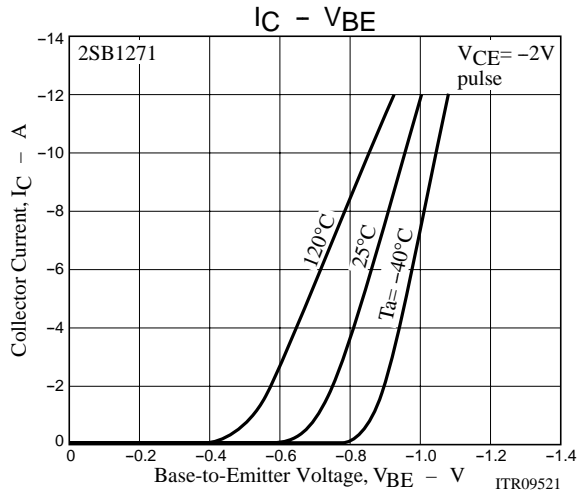
Switching Time Test Circuit



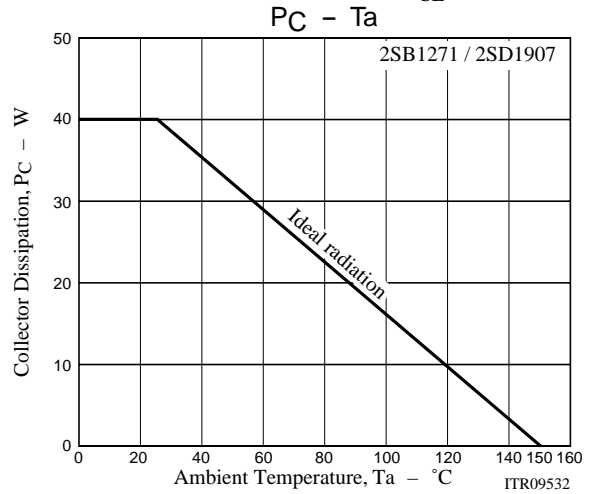
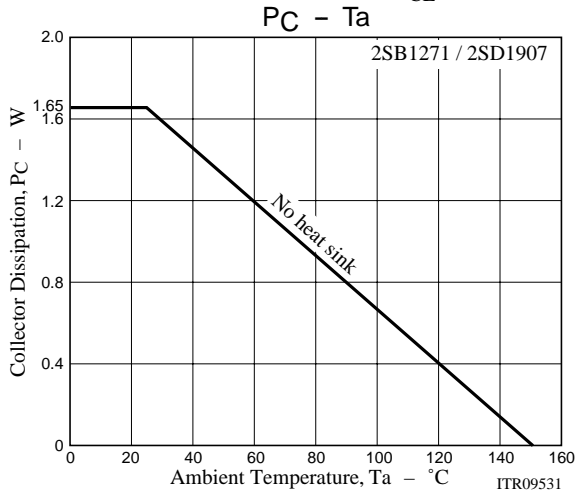
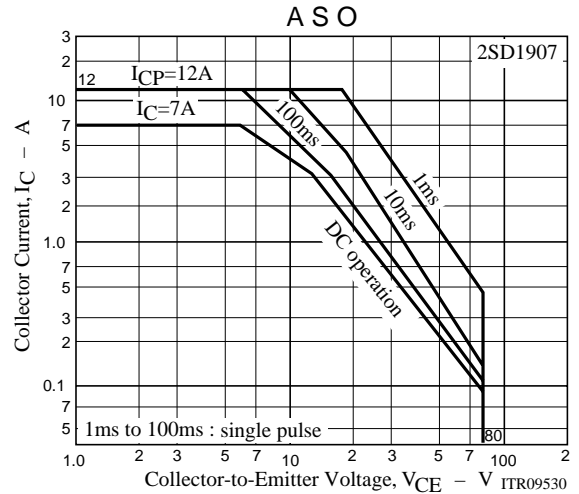
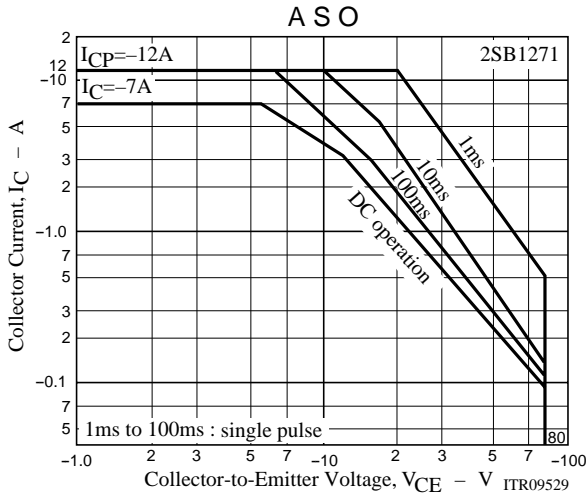
(For PNP, the polarity is reversed.)



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