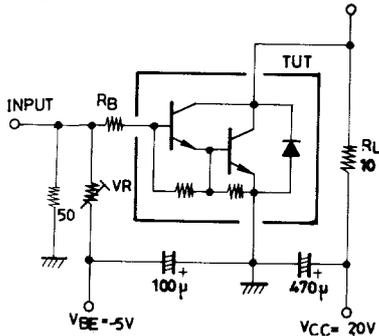


2SB880/2SD1190

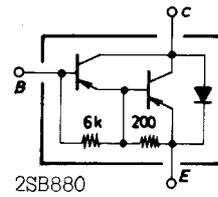
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector-to-Base Breakdown Voltage	$V_{(BR)CBO}$	$I_C = (-)5mA, I_E = 0$	(-70)			V
Collector-to-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C = (-)50mA, R_{BE} = \infty$	(-60)			V
Turn-ON Time	t_{on}	See specified Test Circuit		(0.5)		μs
				0.6		μs
Storage Time	t_{stg}	See specified Test Circuit		(1.4)		μs
				2.7		μs
Fall Time	t_f	See specified Test Circuit		(1.2)		μs
				1.6		μs

Switching Time Test Circuit

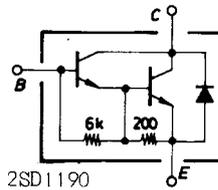


$PW = 50 \mu s, \text{Duty Cycle} \leq 1\%$
 $500I_{B1} = -500I_{B2} = I_C = 2A$
 (For PNP, the polarity is reversed.)
 Unit (resistance : Ω , capacitance: F)

Electrical Connection

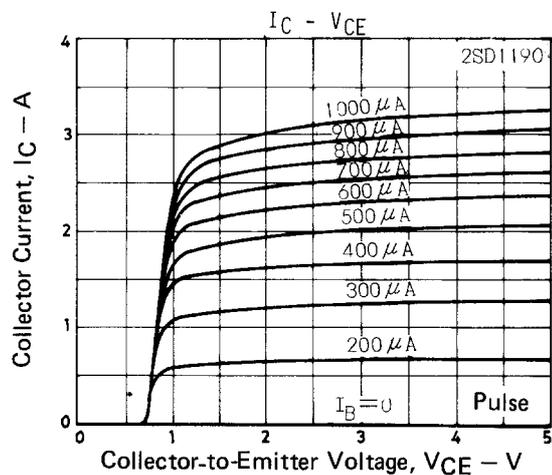
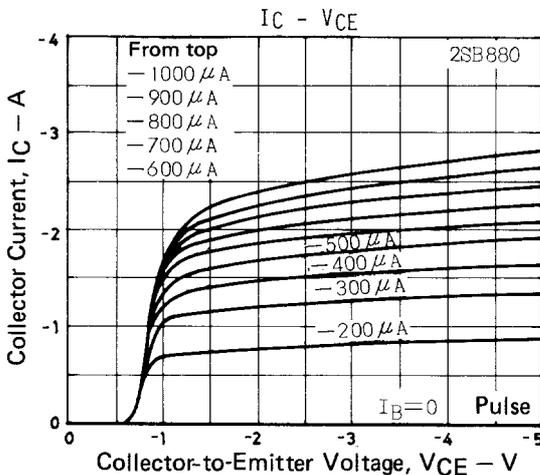
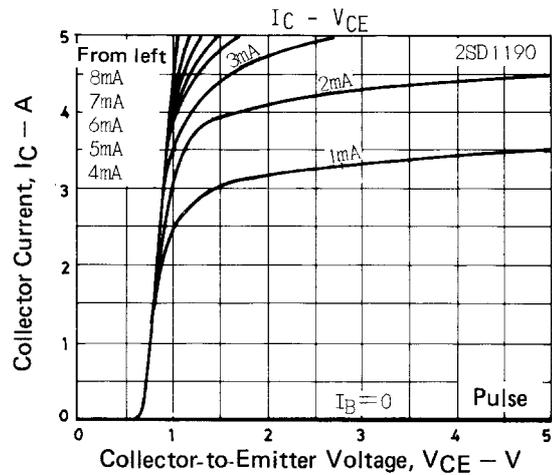
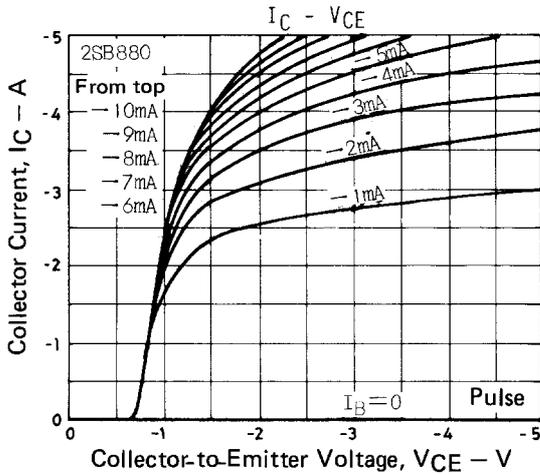


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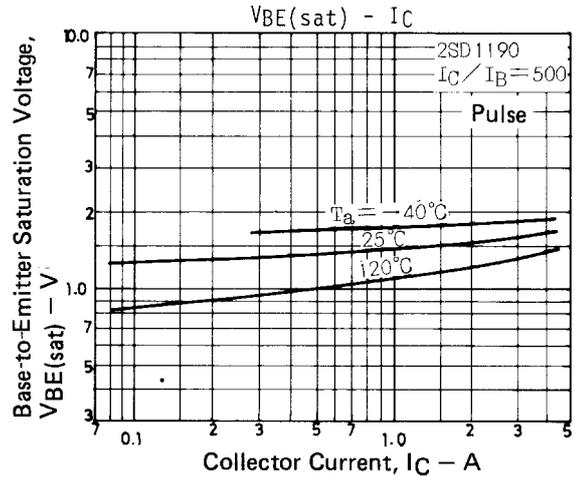
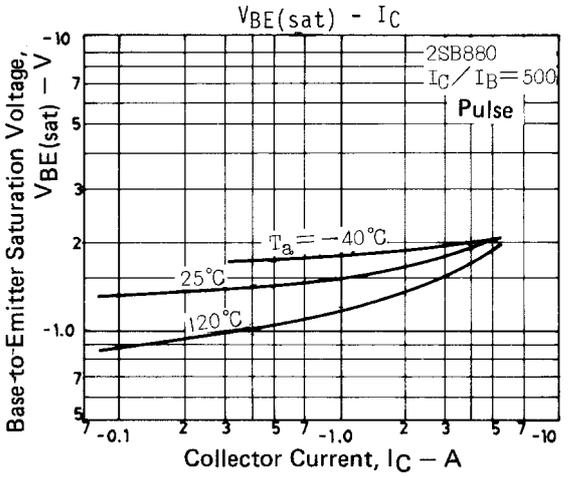
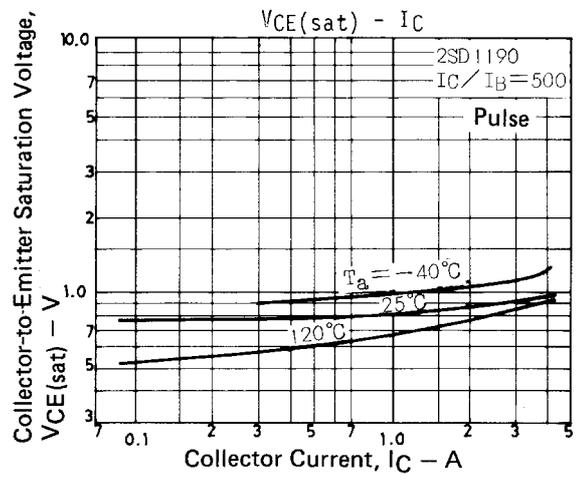
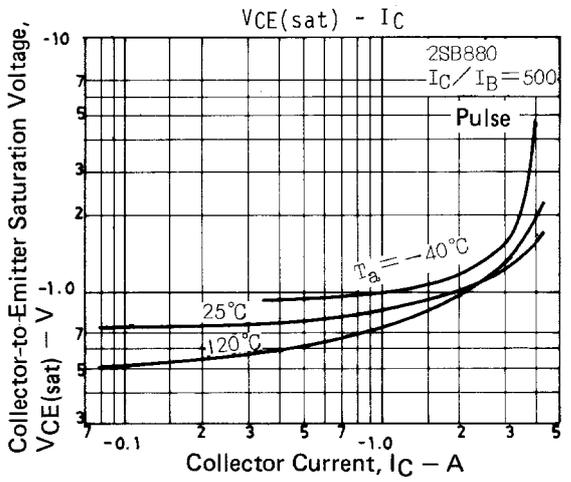
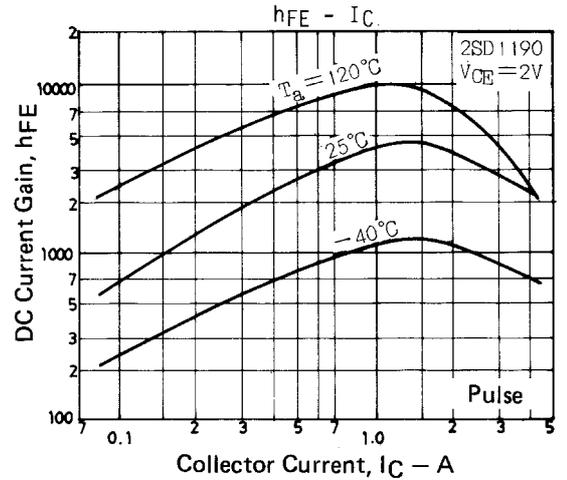
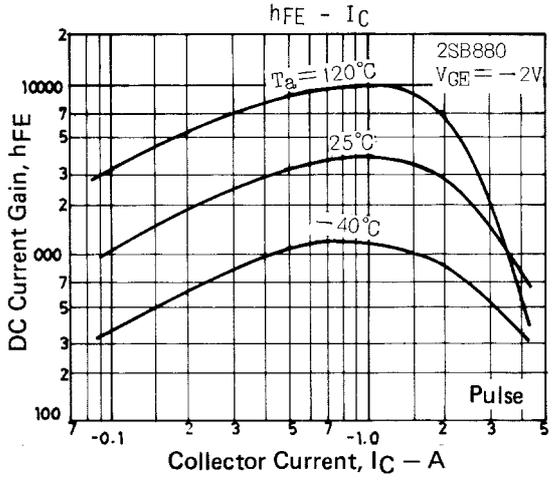
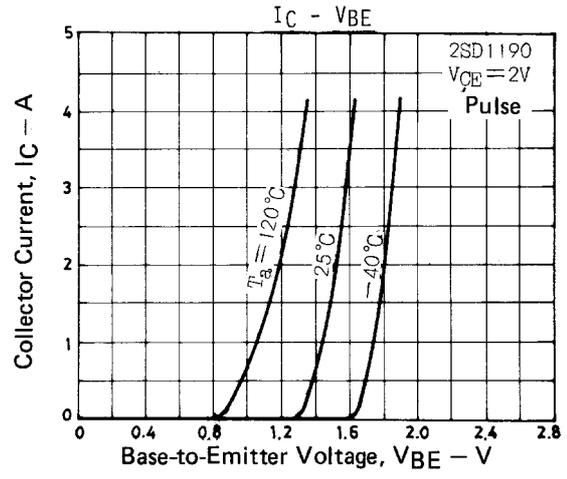
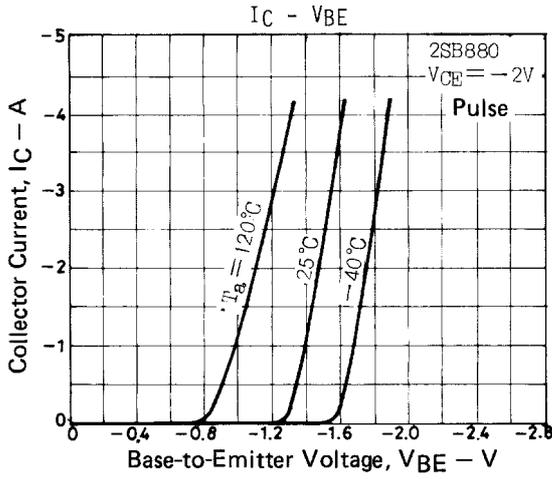


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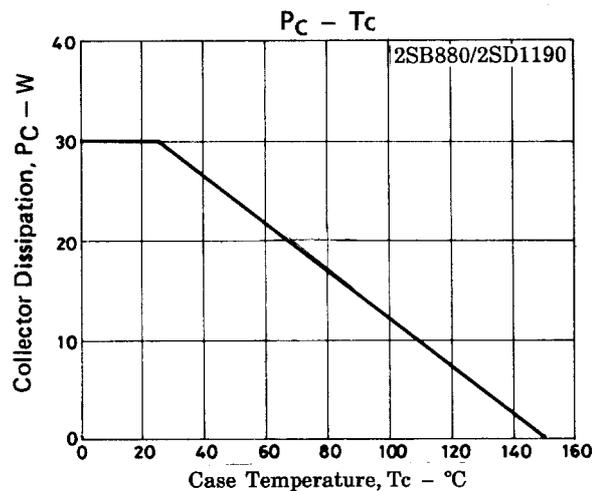
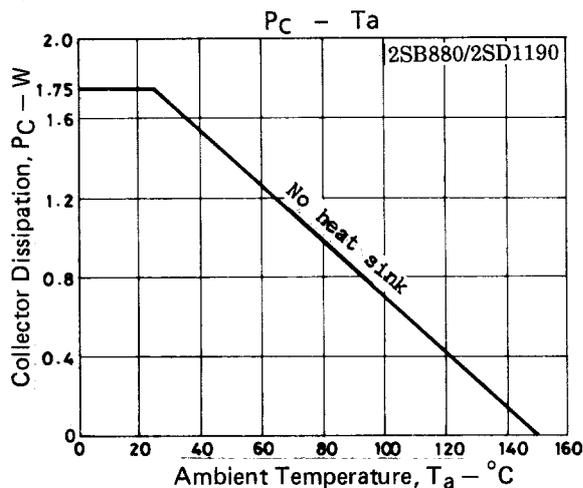
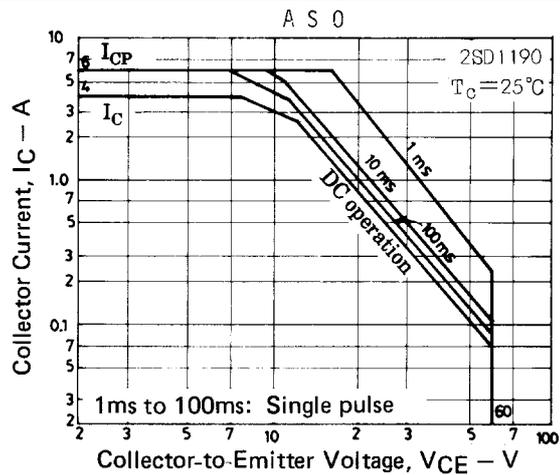
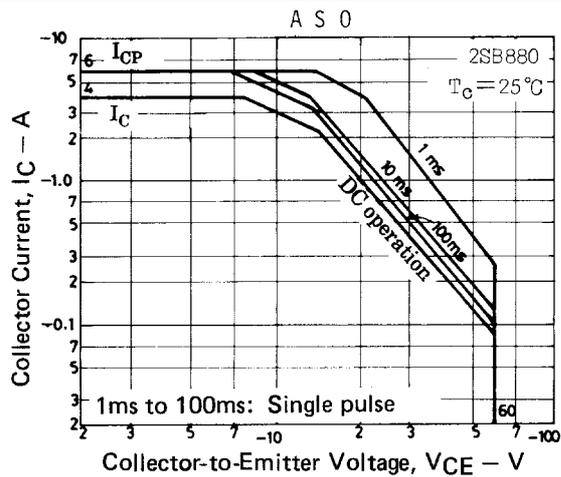
Unit (Resistance : Ω)



2SB880/2SD1190



2SB880/2SD1190



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