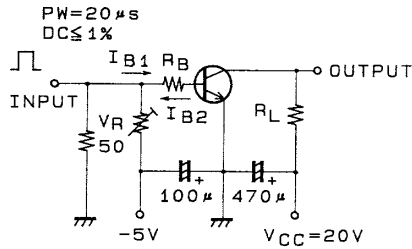




# 2SC4736

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector-to-Base Breakdown Voltage	$V_{(BR)CBO}$	$I_C=10\mu A, I_E=0$	80			V
Collector-to-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=1mA, R_{BE}=\infty$	60			V
Emitter-to-Base Breakdown Voltage	$V_{(BR)EBO}$	$I_C=10\mu A, I_C=0$	15			V
Turn-ON Time	$t_{on}$	See specified Test Circuit.		0.23		$\mu s$
Storage Time	$t_{stg}$	See specified Test Circuit.		2.7		$\mu s$
Fall Time	$t_f$	See specified Test Circuit.		0.75		$\mu s$

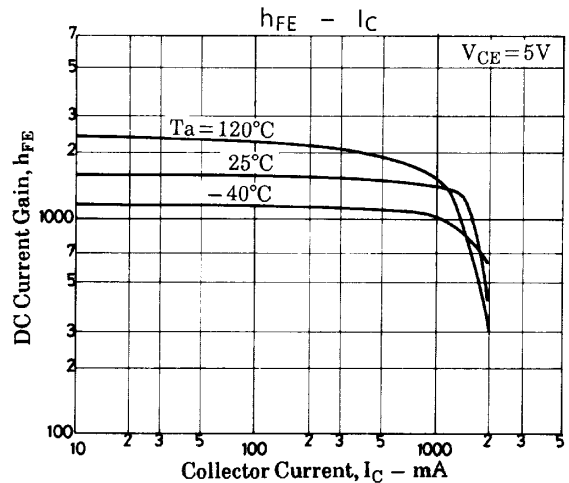
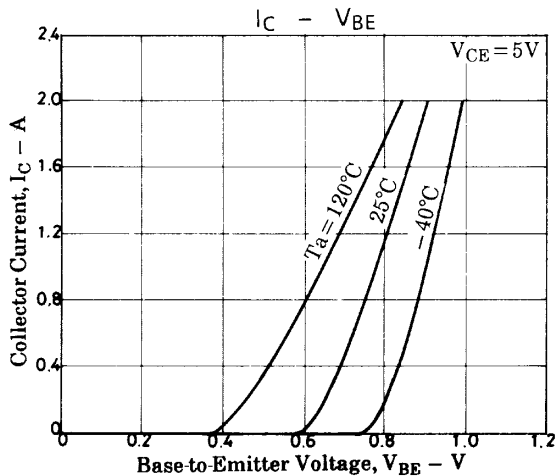
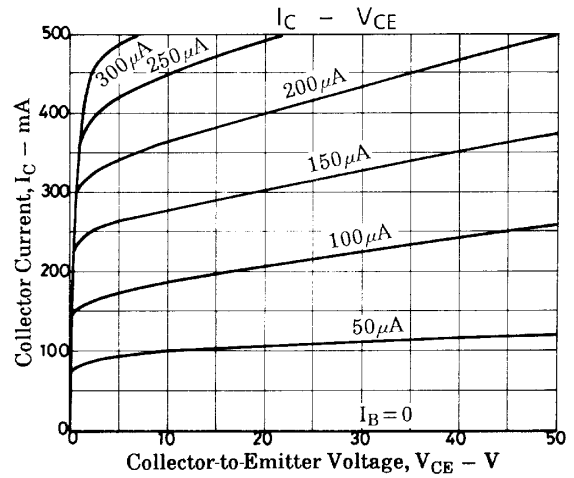
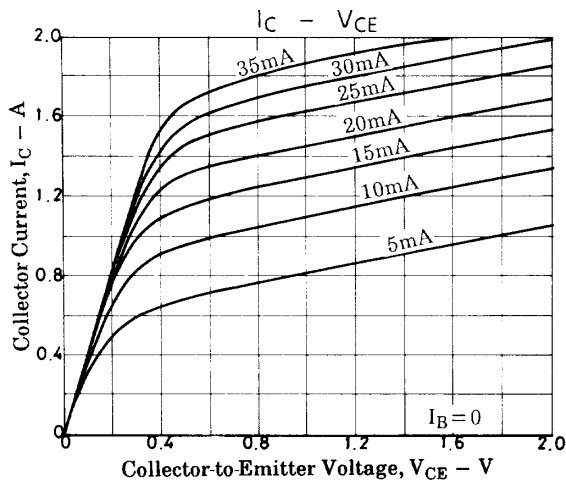
## Switching Time Test Circuit



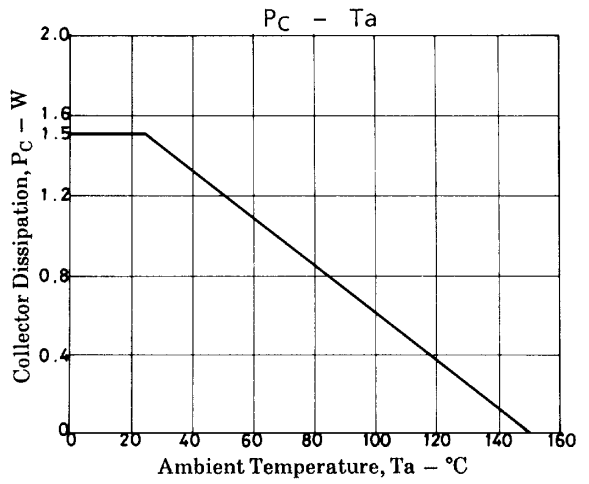
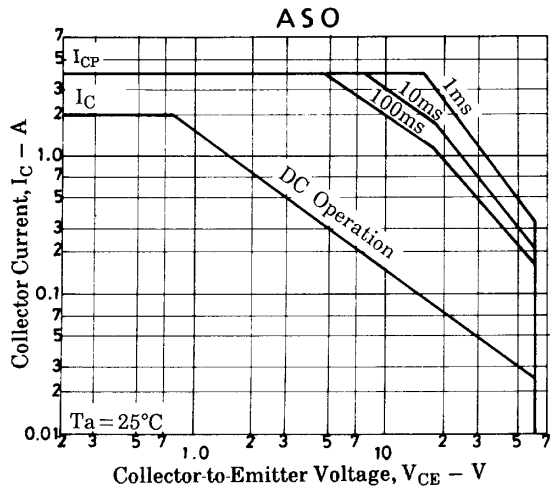
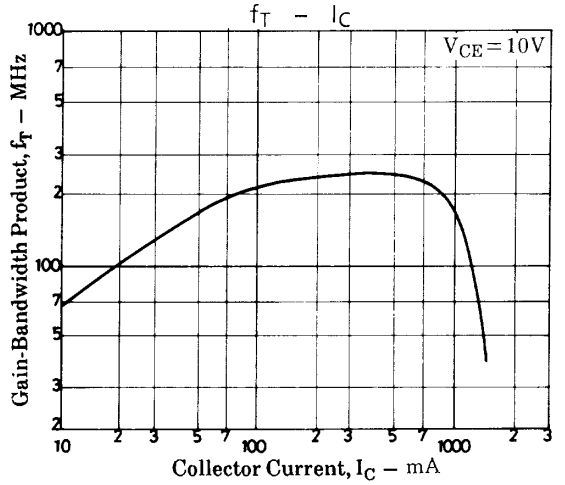
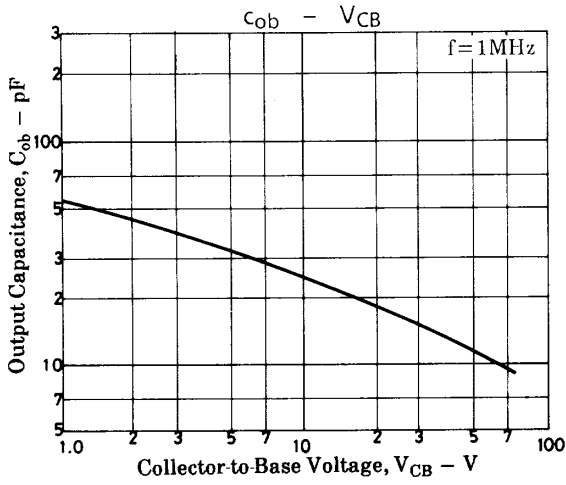
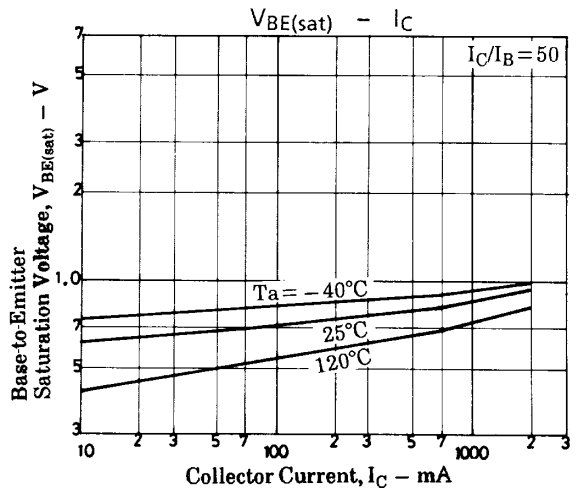
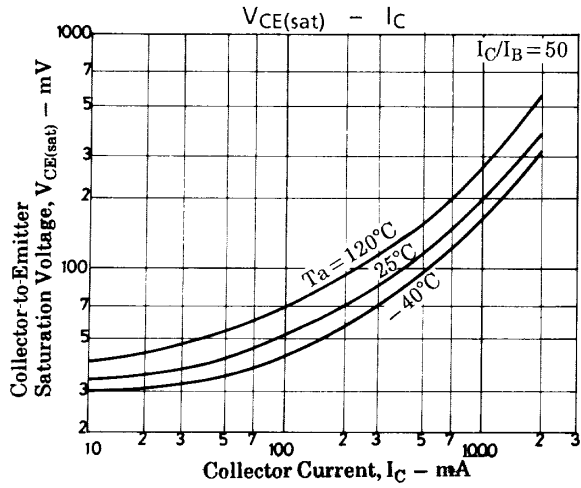
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$$100I_{B1} = -100I_{B2} = I_C = 700mA$$

Unit (resistance:  $\Omega$ , capacitance: F)



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