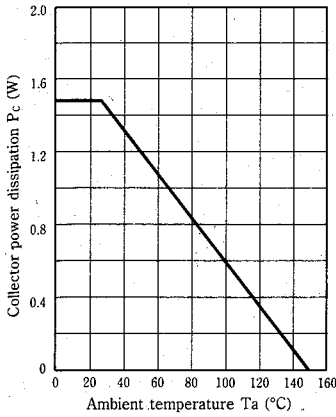
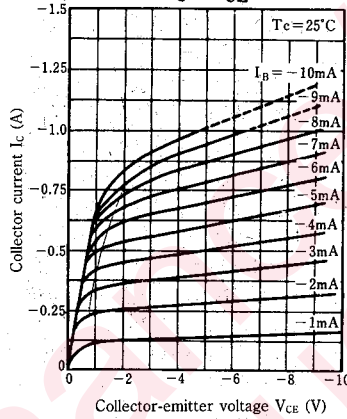


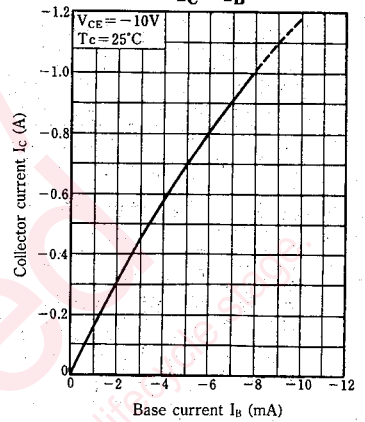
$P_c - T_a$



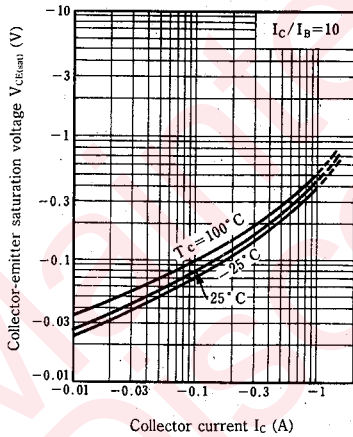
$I_c - V_{CE}$



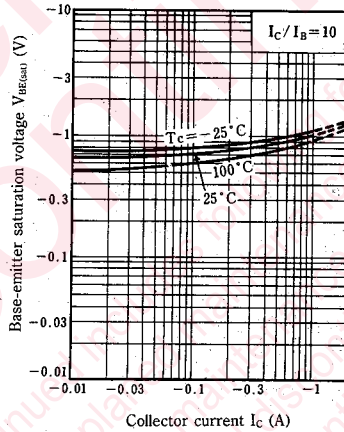
$I_c - I_B$



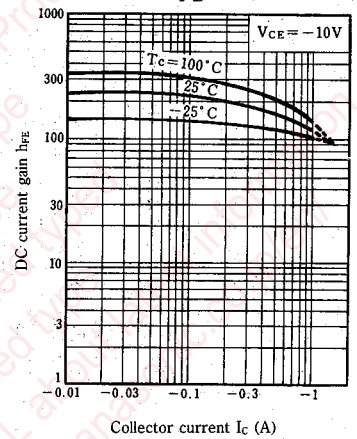
$V_{CE(sat)} - I_c$



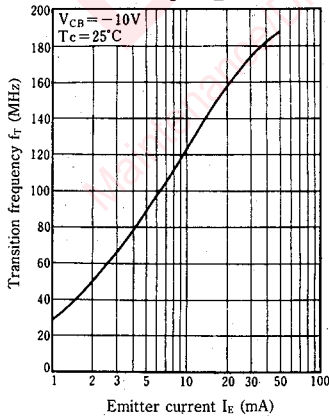
$V_{BE(sat)} - I_c$



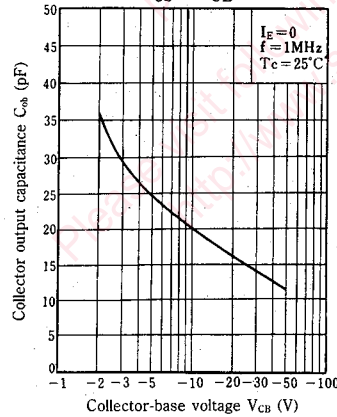
$h_{FE} - I_c$



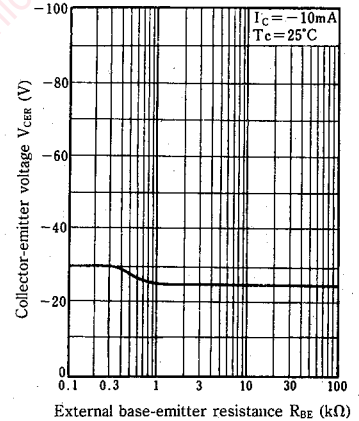
$f_T - I_E$

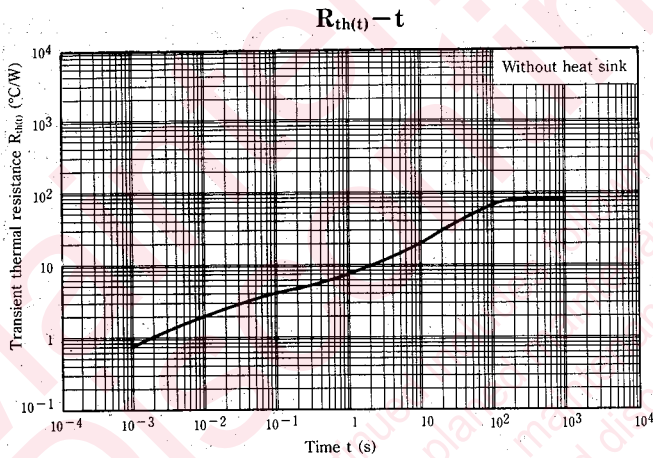
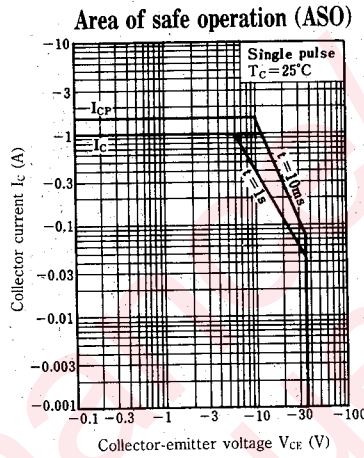
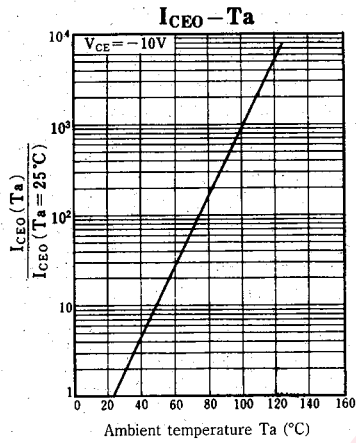


$C_{ob} - V_{CB}$



$V_{CE} - R_{BE}$





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