

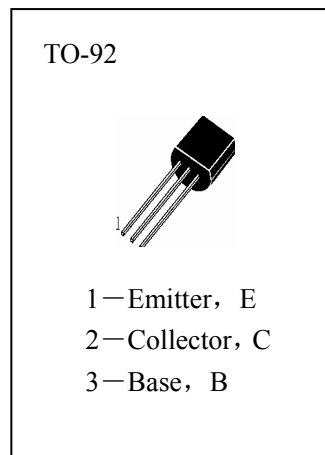


APPLICATIONS

Class-B video output stages in colour television and professional monitor equipment

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

- Tstg Storage Temperature -55~150°C
Tj Junction Temperature 150°C
Pc Collector Dissipation 830mW
Vcbo Collector-Base Voltage -250V
Vceo Collector-Emitter Voltage -250V
Veb0 Emitter-Base Voltage -5V
Ic Collector Current -50mA
Icp Collector Current(Pulse) -100mA

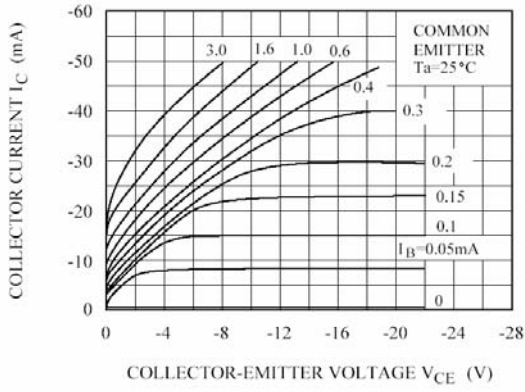


ELECTRICAL CHARACTERISTICS (Ta=25°C)

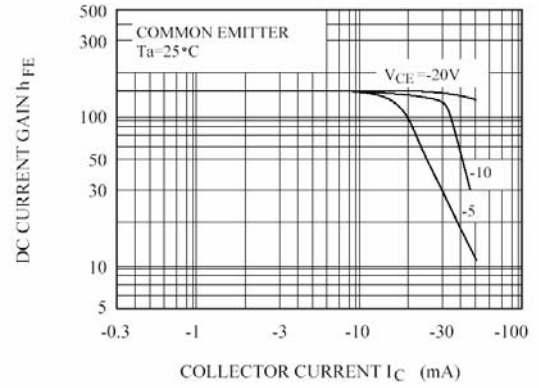
Table with 7 columns: Symbol, Characteristics, Min, Typ, Max, Unit, Test Conditions. Rows include BVcbo, BVceo, BVebo, Icbo, Iebo, Hfe, Vce(sat), Cre, and ft.



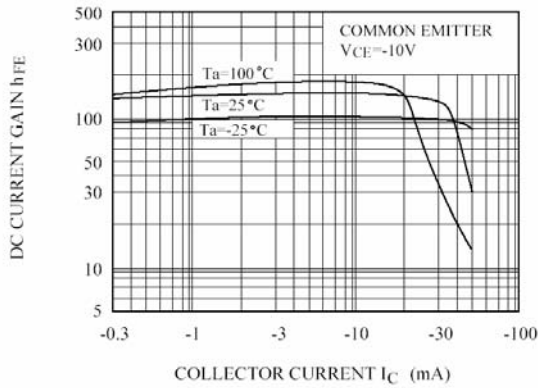
$I_C - V_{CE}$ (LOW VOLTAGE REGION)



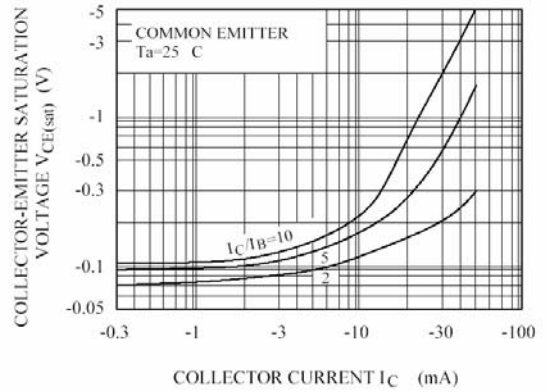
$h_{FE} - I_C$



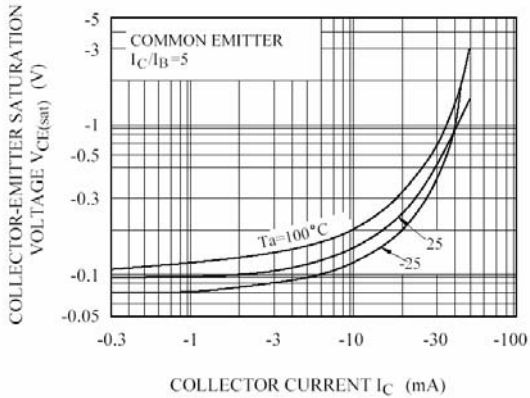
$h_{FE} - I_C$



$V_{CE(sat)} - I_C$



$V_{CE(sat)} - I_C$



$I_C - V_{BE}$

