

**Applications**

- Power amplifier application
- High current switching application

**Features**

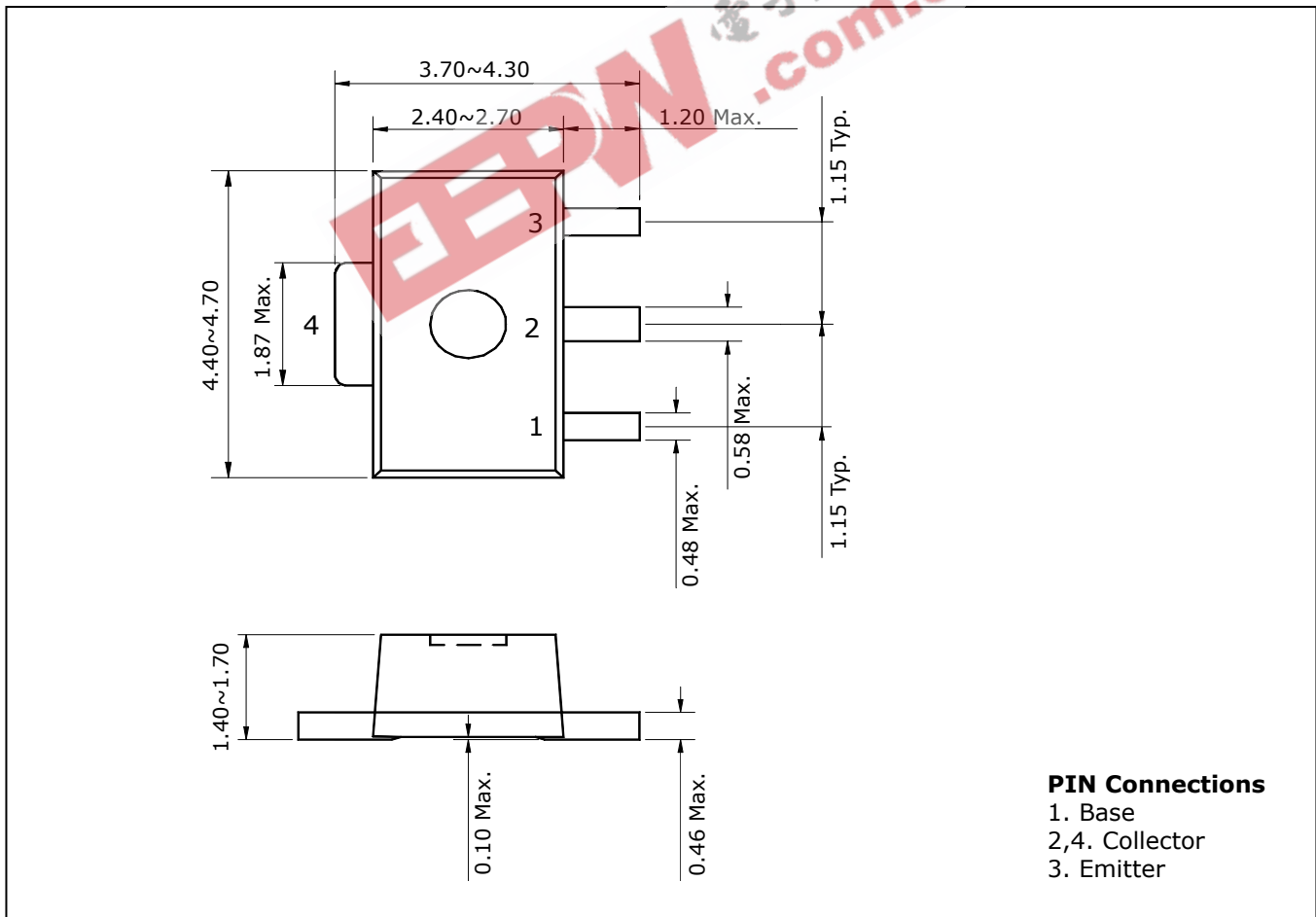
- Low saturation voltage:  $V_{CE(sat)} = -0.15V$  Typ. @  $I_C = -1A, I_B = -50mA$
- Large collector current capacity:  $I_C = -3A$
- Small and compact SMD type package
- Complementary pair with STC4350F

**Ordering Information**

Type NO.	Marking	Package Code
STA3350F	HW7	SOT-89

**Outline Dimensions**

unit : mm





## Electrical Characteristic Curves

Fig. 1  $P_C - T_a$

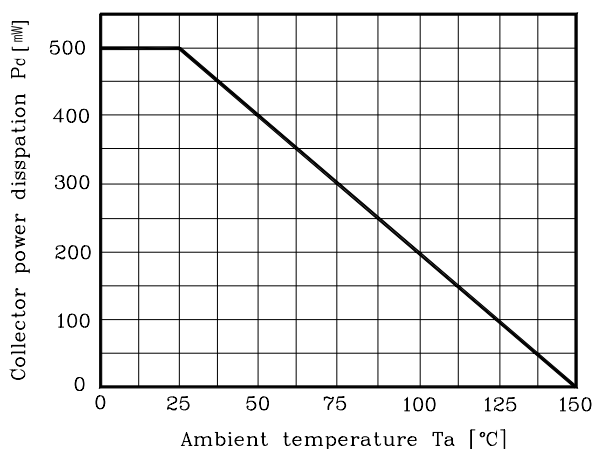


Fig. 2  $I_C - V_{BE}$

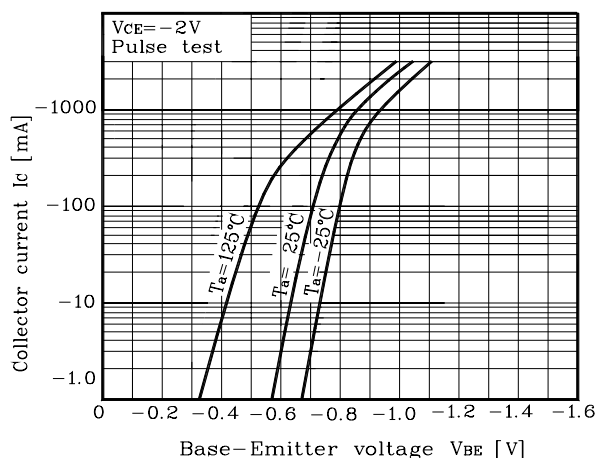


Fig. 3  $I_C - V_{CE}$

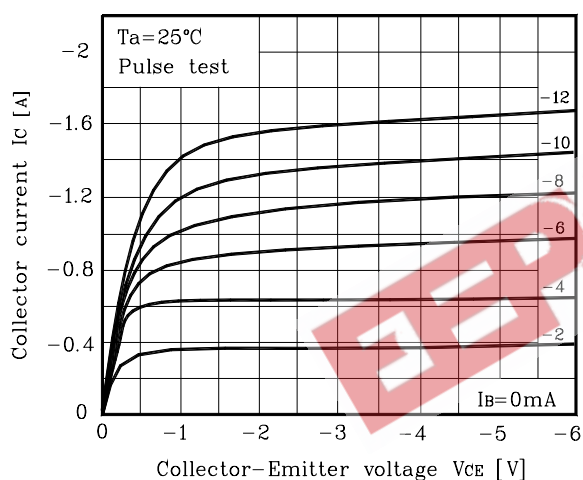


Fig. 4  $h_{FE} - I_C$

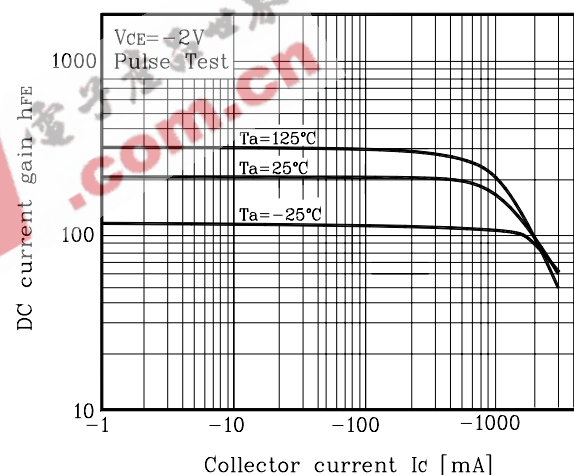


Fig. 5  $V_{CE(sat)} - I_C$

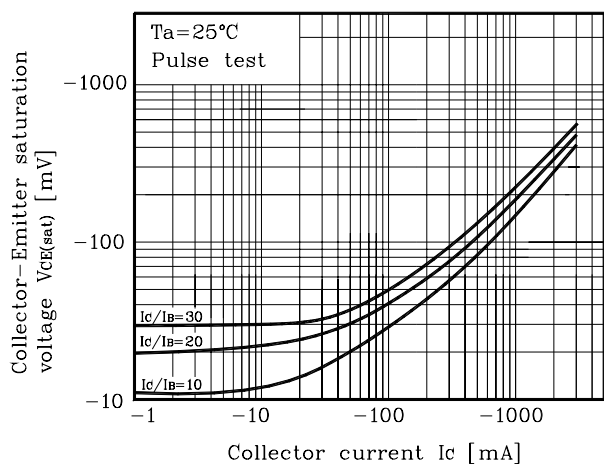
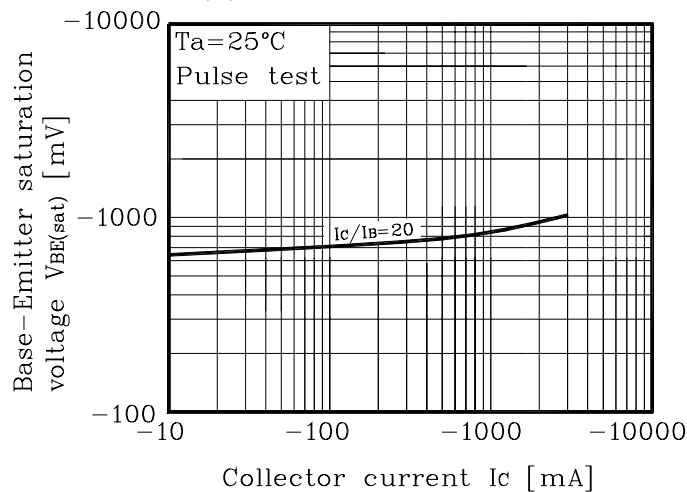


Fig. 6  $V_{BE(sat)} - I_C$



Electrical Characteristic Curves

Fig. 7  $C_{ob} - V_{CB}$

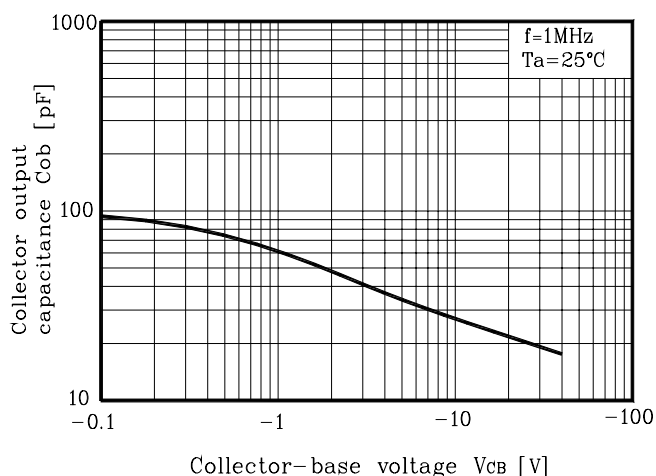
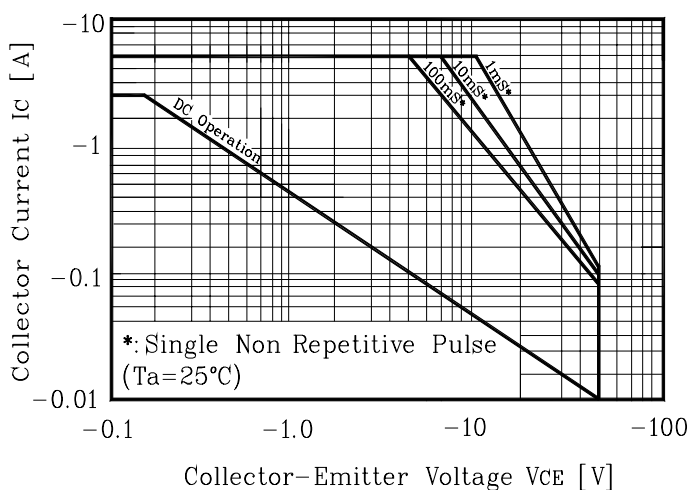


Fig. 8 Safe Operating Area



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