

BU311 Transistors

Si NPN Power BJT

Military/High-Rel N

$V_{(BR)CEO}$ (V) 125

$V_{(BR)CBO}$ (V)

I_C Max. (A) 6.0

Absolute Max. Power Diss. (W) 25

Maximum Operating Temp ($^{\circ}C$) 175

I_{CBO} Max. (A)

@ V_{CBO} (V) (Test Condition)

V_{CEsat} Max. (V)

@ I_C (A) (Test Condition)

@ I_B (A) (Test Condition)

h_{FE} Min. Current gain. 15

h_{FE} Max. Current gain.

@ I_C (A) (Test Condition) 5.0

@ V_{CE} (V) (Test Condition) 1.5

f_T Min. (Hz) Transition Freq 25M

@ I_C (A) (Test Condition)

@ V_{CE} (V) (Test Condition)

t_d Max. (s) Delay time.

t_r Max. (s) Rise time 1.0u

t_{on} Max. (s) On time.