

# BT5109T Transistors

Si NPN LP HF BJT

---

Military/High-Rel N

$V_{(BR)CEO}$  (V) 20

$V_{(BR)CBO}$  (V) 40

$I_C$  Max. (A)

Absolute Max. Power Diss. (W) 500m

Maximum Operating Temp ( $\theta C$ ) 175 $\circ$

$I_{CBO}$  Max. (A) 20m $\circ$

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

$h_{FE}$  Min. Current gain. 40

$h_{FE}$  Max. Current gain.

@ $I_C$  (A) (Test Condition) 50m

@ $V_{CE}$  (V) (Test Condition) 15

$f_T$  Min. (Hz) Transition Freq 216M

@ $I_C$  (A) (Test Condition)

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

$V_{CEsat}$  Max. (V)

@ $I_C$  (A) (Test Condition)

@ $I_B$  (A) (Test Condition)

$h_{fe}$  Min. SS Current gain.

@ $I_C$  (A) (Test Condition)

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