

# B102000 Transistors

## Ge PNP Power BJT

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Military/High-Rel N

$V_{(BR)CEO}$  (V) 30

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

$I_C$  Max. (A) 7.0

Absolute Max. Power Diss. (W) 45

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

$I_{CBO}$  Max. (A) 2.0m $\emptyset$

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

$V_{(CE)sat}$  Max. (V)

@  $I_C$  (A) (Test Condition)

@  $I_B$  (A) (Test Condition)

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

$h_{(FE)}$  Max. Current gain. 250

@  $I_C$  (A) (Test Condition) 1.0

@  $V_{(CE)}$  (V) (Test Condition) 2.0

$f_T$  Min. (Hz) Transition Freq

@  $I_C$  (A) (Test Condition)

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

$t_r$  Max. (s) Rise time

$t_f$  Max. (s) Fall time.