

# 2N1044 Transistors

## Ge PNP Power BJT

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Military/High-Rel N

$V_{(BR)CEO}$  (V) 80°

$V_{(BR)CBO}$  (V) 80

$I_C$  Max. (A) 3.5

Absolute Max. Power Diss. (W) 20

Maximum Operating Temp ( $\theta_C$ ) 100#

$I_{CBO}$  Max. (A) 125u

@ $V_{CBO}$  (V) (Test Condition) 40

$V_{CEsat}$  Max. (V) .75

@ $I_C$  (A) (Test Condition) 3.0

@ $I_B$  (A) (Test Condition) 300m

$h_{FE}$  Min. Current gain. 20

$h_{FE}$  Max. Current gain. 60

@ $I_C$  (A) (Test Condition) 3.0

@ $V_{CE}$  (V) (Test Condition) 1.0

$f_T$  Min. (Hz) Transition Freq 250k

@ $I_C$  (A) (Test Condition)

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

$t_r$  Max. (s) Rise time

$t_f$  Max. (s) Fall time.

Package Style IST-3RT-1/2