

2N3054 Transistors

Si NPN Power BJT

Military/High-Rel N

$V_{(BR)CEO}$ (V) 55

$V_{(BR)CBO}$ (V) 90

I_C Max. (A) 4.0

Absolute Max. Power Diss. (W) 25#

Maximum Operating Temp (θ_C) 200#

I_{CBO} Max. (A) 5.0m÷

@ V_{CBO} (V) (Test Condition) 100

$V_{(CE)sat}$ Max. (V) 6.0

@ I_C (A) (Test Condition) 3.0

@ I_B (A) (Test Condition) 1.0

h_{FE} Min. Current gain. 25

h_{FE} Max. Current gain. 75

@ I_C (A) (Test Condition) 500m

@ V_{CE} (V) (Test Condition) 4.0

f_T Min. (Hz) Transition Freq 30k

@ I_C (A) (Test Condition) 100m

@ V_{CE} (V) (Test Condition) 4.0

t_d Max. (s) Delay time.

t_r Max. (s) Rise time

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