

2N4305 Transistors

Si NPN Power BJT

Military/High-Rel N

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

$V_{(BR)CBO}$ (V) 120

I_C Max. (A) 5.0

Absolute Max. Power Diss. (W) 1.5

Maximum Operating Temp (θC) 175 \bar{o}

I_{CBO} Max. (A) 10 μ

@ 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. 50

$h_{(FE)}$ Max. Current gain. 150

@ 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_d Max. (s) Delay time. 50n

t_r Max. (s) Rise time 90n

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

Datasheet.Live