

2N5307 Transistors

NPN Darlington Transistor

Military/High-Rel N

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

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

$I_{(C)}$ Max. (A) 300m

Absolute Max. Power Diss. (W) 400m

Maximum Operating Temp (θC) 150p

$I_{(CBO)}$ Max. (A) 100n

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

$h_{(FE)}$ Min. Current gain. 2.0k

$h_{(FE)}$ Max. Current gain. 20k

@ $I_{(C)}$ (A) (Test Condition) 2.0m

@ $V_{(CE)}$ (V) (Test Condition) 5.0

$f_{(T)}$ Min. (Hz) Transition Freq 60M

@ $I_{(C)}$ (A) (Test Condition)

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

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

@ $I_{(C)}$ (A) (Test Condition)

@ $I_{(B)}$ (A) (Test Condition)

$t_{(d)}$ Max. (s) Delay time.

$t_{(r)}$ Max. (s) Rise time

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