

# BUX20A Transistors

## Si NPN Power BJT

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Military/High-Rel N

$V_{(BR)CEO}$  (V) 125

$V_{(BR)CBO}$  (V) 160

$I_{(C)}$  Max. (A) 40

Absolute Max. Power Diss. (W) 140

Maximum Operating Temp ( $\theta C$ ) 175 $\circ$

$I_{(CBO)}$  Max. (A) 3.0mA

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

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

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

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

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

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

@ $I_{(C)}$  (A) (Test Condition) 20

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

$f_{(T)}$  Min. (Hz) Transition Freq 50M

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

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

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

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

$t_{(on)}$  Max. (s) On time. 500n