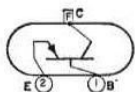


## POWER TRANSISTOR



Germanium p-n-p type used in a wide variety of af power-amplifier and large-signal applications in commercial, industrial, and military equipment. It is used in class A and class B af-output-amplifier stages

of automobile radio receivers and mobile communications equipment. It provides excellent dc-to-dc and dc-to-ac power conversion. This type features high breakdown voltage, low saturation voltage, high large-signal beta, and a high dissipation capability. JEDEC No. TO-3 package; outline 5, Outlines Section. This type is identical with type 2N2869/2N301 except for the following items:

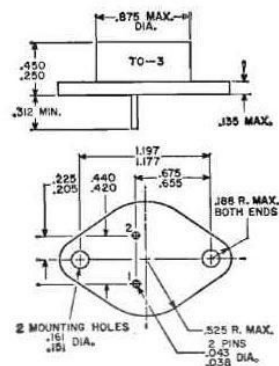
### MAXIMUM RATINGS

Collector-To-Base Voltage ..... -80 max volts

### CHARACTERISTICS

Collector-to-Base Breakdown Voltage (with collector ma = -5 and emitter current = 0) ..... -80 min volts  
 Collector-to-Emitter Saturation Voltage (with collector amperes = -10 and base ampere = -1) ..... -0.5 max volt

# 2N2870/ 2N301A



- 5 -

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