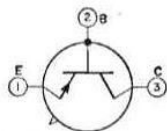


TRANSISTOR



Germanium p-n-p type used in medium-speed switching applications in data-processing equipment. JEDEC No. TO-5 package; outline 6, Outlines Section. This type is identical with type 2N1303 except

2N1305

for the following:

CHARACTERISTICS

Base-to-Emitter Voltage (with collector $i_a = -10$ and base $i_b = -0.5$)

-0.15 to -0.35 volt

Collector-to-Emitter Saturation Voltage (with collector $i_a = -10$ and base $i_b = -0.25$)

-0.2 max volt

In Common-Base Circuit

Forward-Current-Transfer-Ratio Cutoff Frequency (with collector-to-base volts = -5 and emitter $i_e = 1$)

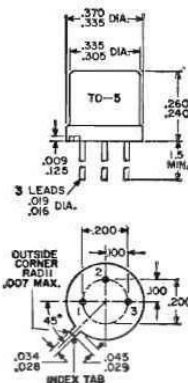
5 min Mc

In Common-Emitter Circuit

Forward Current-Transfer Ratio:

With collector-to-emitter volts = -10 and collector $i_a = -10$
With collector-to-emitter volts = -0.35 and collector $i_a = -200$

40 to 200
15 min



- 6 -

<http://alltransistors.com>