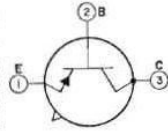


TRANSISTOR

2N711

Germanium p-n-p type used in high-speed logic-circuit applications in data-processing equipment. JEDEC No. TO-18 package; outline 12, Outlines Section. This type is identical with type 2N705 except



for the following items:

MAXIMUM RATINGS

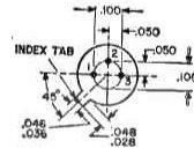
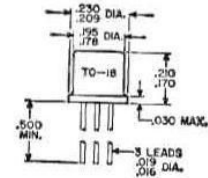
Collector-to-Base Voltage (with emitter open)	-12 max	volts
Collector-to-Emitter Voltage (with external base-to-emitter resistance = 10 ohms or less) ..	-12 max	volts
Emitter-to-Base Voltage (with collector open)	-1 max	volt
Collector Current	-100 max	ma
Emitter Current	100 max	ma

CHARACTERISTICS

Base-to-Emitter Voltage (with collector ma = -10 and base ma = -0.5)	-0.5 max	volt
Collector-to-Emitter Saturation Voltage (with collector ma = -10 and base ma = -0.5)	-0.5 max	volt

In Common-Emitter Circuit

Small-Signal Forward Current-Transfer Ratio (with collector-to-emitter volts = -5, collector ma = -10, and frequency = 100 Mc)	2
DC Forward Current-Transfer Ratio (with collector-to-emitter volts = -0.5 and collector ma = -10)	20 min



- 12 -