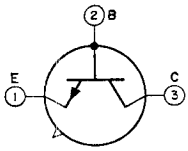
TRANSISTOR



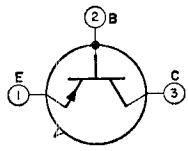
Germanium n-p-n type used in medium-speed switching applications in data-processing equipment. JEDEC No. TO-5 package; outline 6, Outlines Section. This type is identical with type 2N1302 except for the following:

2N1304

CHARACTERISTICS

Base-to-Emitter Voltage (with collector ma = 10 and base ma = 0.5)	0.15 to 0.35	volt
Collector-to-Emitter Saturation Voltage (with collector ma = 10 and base ma = 0.25)	0.2 *max*	volt
In Common-Base Circuit		
Forward-Current-Transfer-Ratio Cutoff Frequency (with collector-to-base volts = 5 and emitter ma = 1)	5 *min*	Mc
In Common-Emitter Circuit		
Forward Current-Transfer Ratio:		
With collector-to-emitter volts = 1 and collector ma = 10	40 to 200	
With collector-to-emitter volts = 0.35 and collector ma = 200	15 *min*	

TRANSISTOR



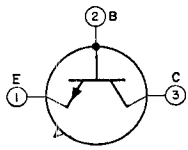
Germanium p-n-p type used in medium-speed switching applications in data-processing equipment. JEDEC No. TO-5 package; outline 6, Outlines Section. This type is identical with type 2N1303 except for the following:

2N1305

CHARACTERISTICS

Base-to-Emitter Voltage (with collector ma = −10 and base ma = −0.5)	−0.15 to −0.35	volt
Collector-to-Emitter Saturation Voltage (with collector ma = −10 and base ma = −0.25)	−0.2 *max*	volt
In Common-Base Circuit		
Forward-Current-Transfer-Ratio Cutoff Frequency (with collector-to-base volts = −5 and emitter ma = 1)	5 *min*	Mc
In Common-Emitter Circuit		
Forward Current-Transfer Ratio:		
With collector-to-emitter volts = −10 and collector ma = −10	40 to 200	
With collector-to-emitter volts = −0.35 and collector ma = −200	15 *min*	

TRANSISTOR



Germanium n-p-n 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 2N1302 except for the following:

2N1306