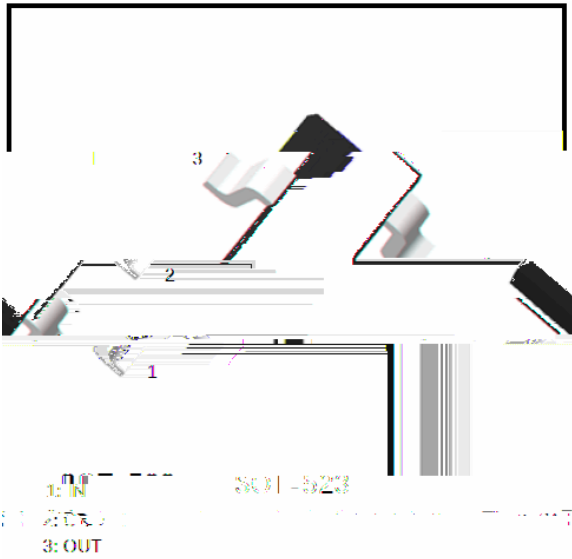


## NPN Digital Transistors (Built-in Resistors)



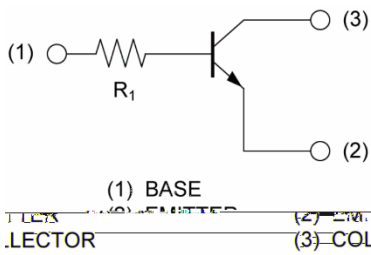
### Features

### Mechanical Data

Package  
Terminals

Marking:

### Equivalent circuit



### MaximuS IM

|                           | SYMBOL    | UNIT | CONDITIONS | VALUE | V  |
|---------------------------|-----------|------|------------|-------|----|
| Collector-Emitter Voltage | $V_{CE0}$ | V    |            | 5     | \$ |
| Emitter-Base Voltage      | $V_{EB0}$ | V    |            | 5     |    |
| Collector Current         | $I_C$     | mA   |            | 1     | \$ |
| Power Dissipation         | $P_D$     | mW   |            | 15    | iA |

|  |     |  |  |  |  |
|--|-----|--|--|--|--|
|  | STG |  |  |  |  |
|--|-----|--|--|--|--|

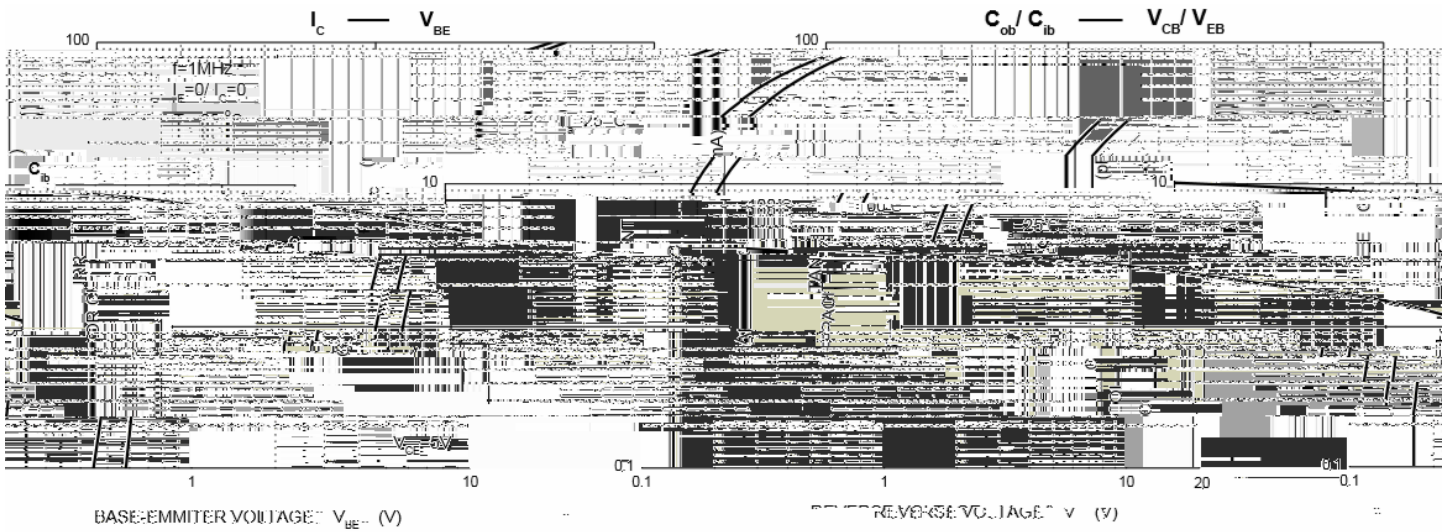
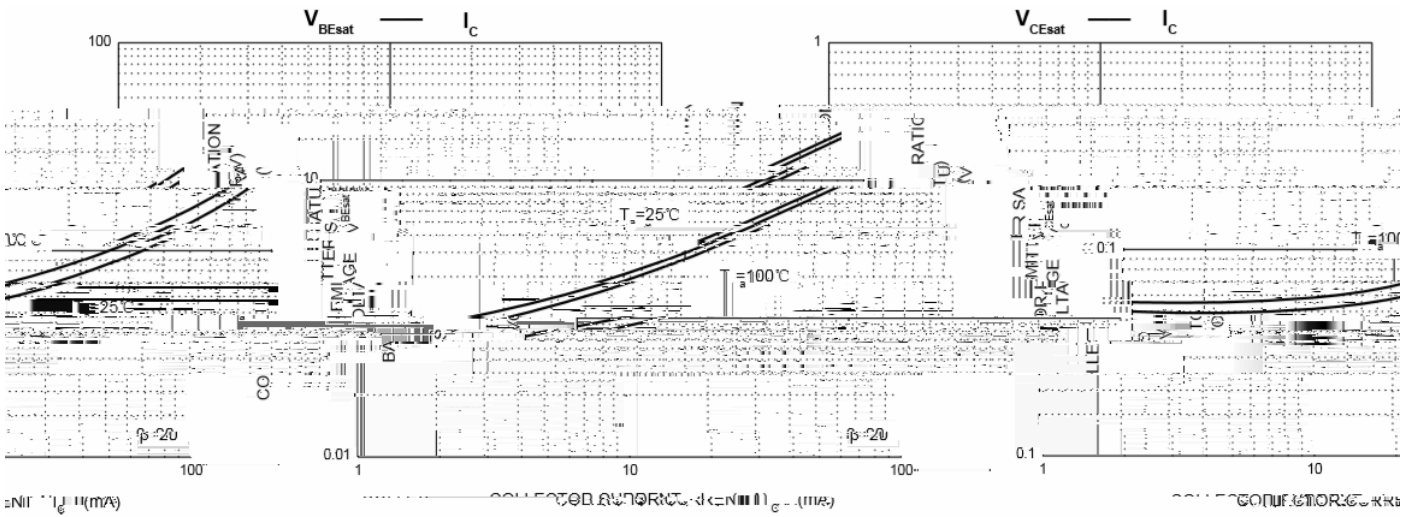
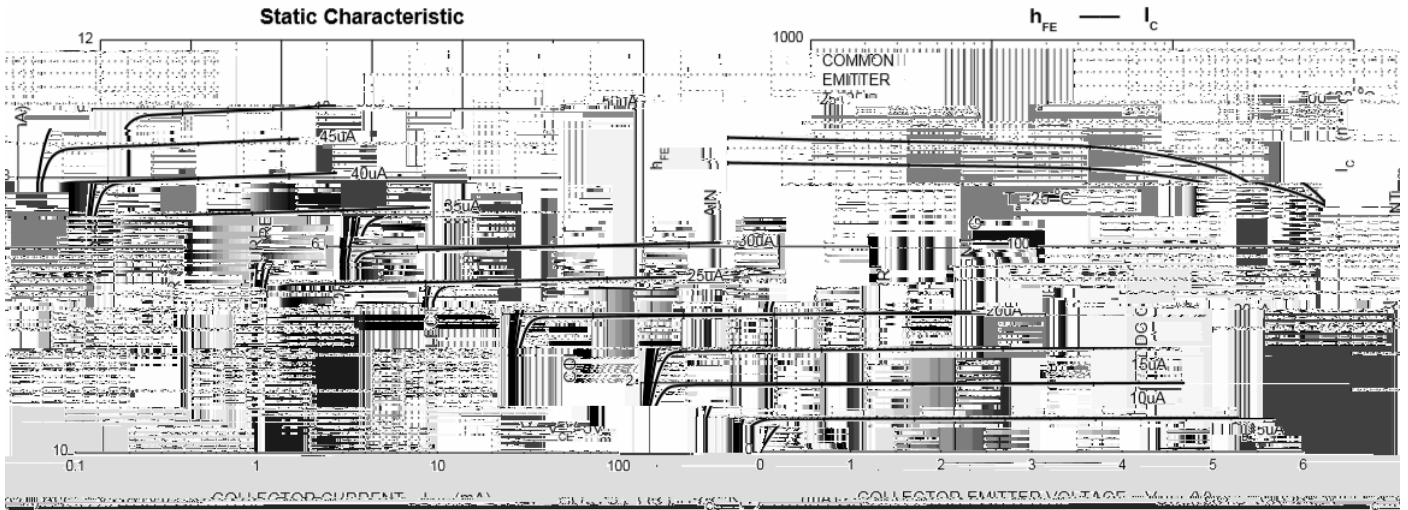




# DTC143TE

## Characteristics

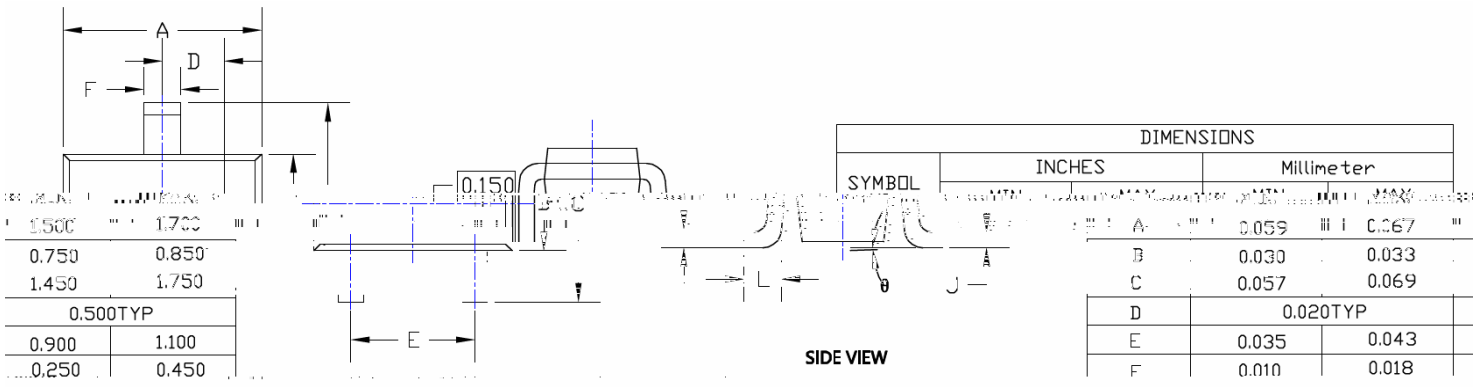
### Static Characteristic





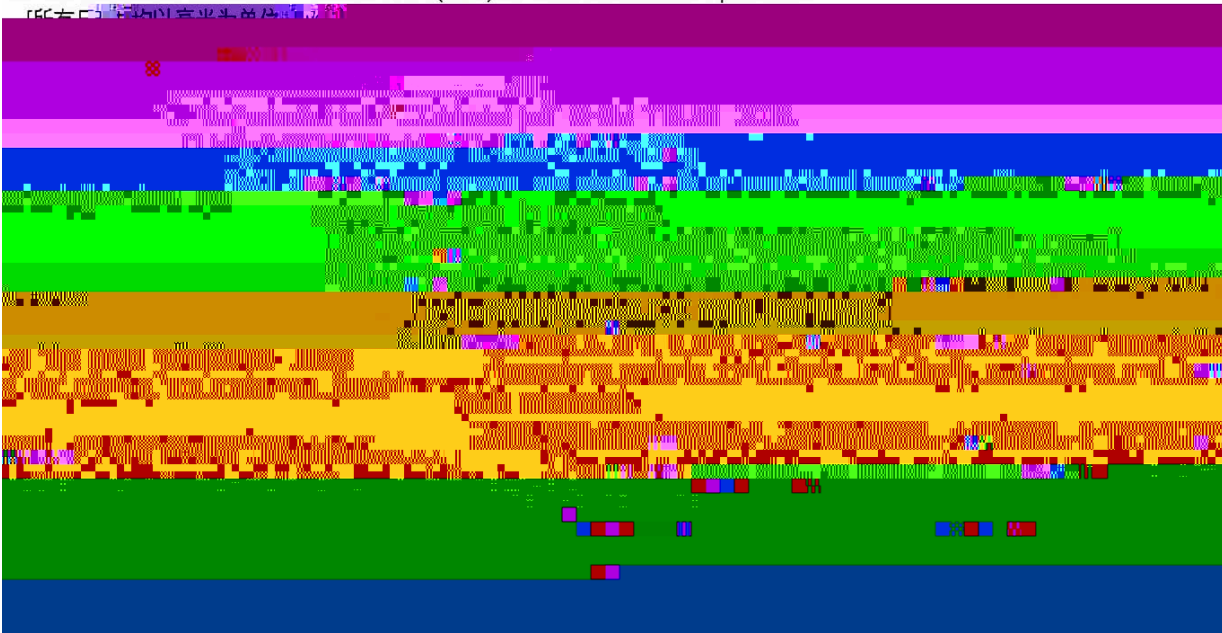
# DTC143TE

## SOT-523 Package Outline Dimensions



Note:

1. All dimensions are in millimeters (mm) unless otherwise specified.





**DTC143TE**

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**Disclaimer**

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