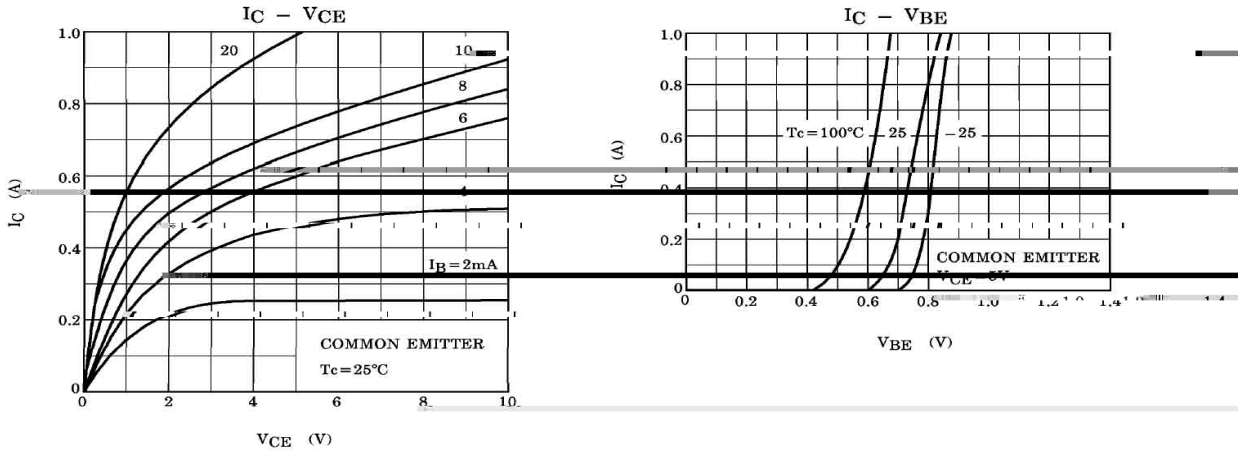
## / Absolute Maximum Ratings(Ta=25 )

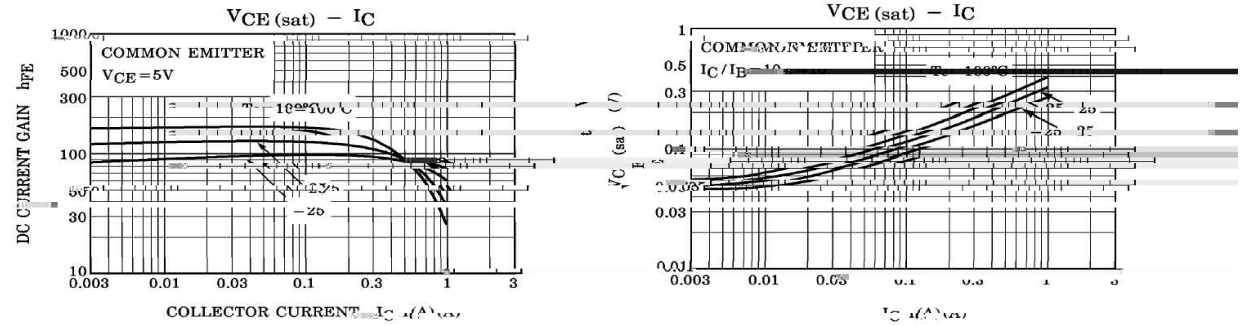
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | 230 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | 230 | V |
| Emitter to Base Voltage | $V_{EBO}$ | 5.0 | V |
| Collector Current - Continuous | $I_C$ | 1.0 | A |
| Base Current – Continuous | $I_B$ | 0.1 | A |
| Collector Power Dissipation | $P_C$ | 1.5 | W |
| Collector Power Dissipation | $P_C$(Tc=25 ) | 15 | W |
| Junction Temperature | $T_j$ | 150 | |
| Storage Temperature Range | $T_{stg}$ | -55 150 | |

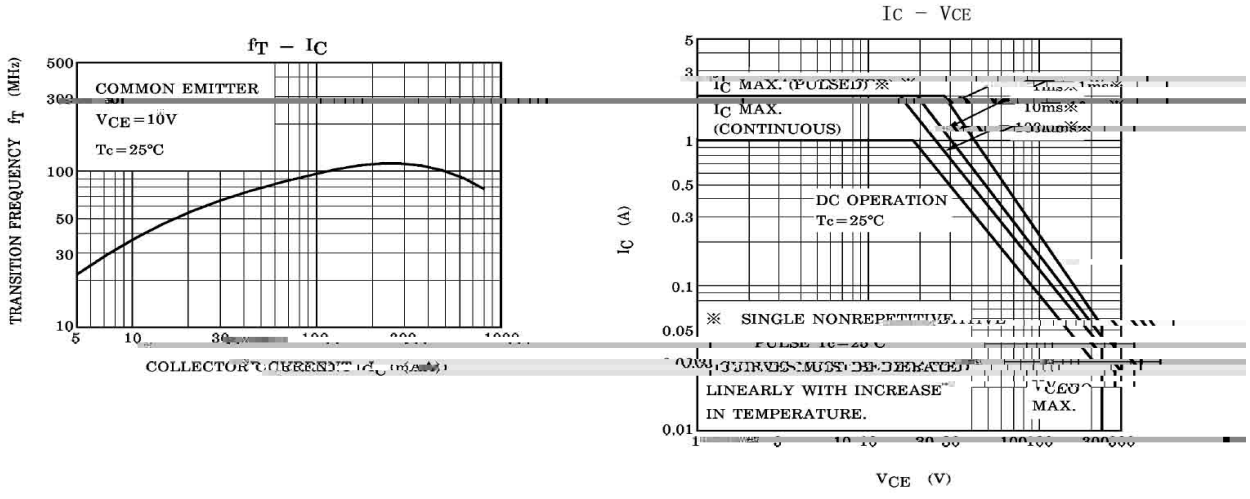
## / Electrical Characteristics(Ta=25 )

| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Collector to Emitter Breakdown Voltage | $V_{CEO}$ | $I_C$=10mA $I_B$=0 | 230 | | | V |
| Collector Cut-Off Current | $I_{CBO}$ | $V_{CB}$=230V $I_E$=0 | | | 1.0 | A |
| Emitter Cut-Off Current | $I_{EBO}$ | $V_{EB}$=5.0V $I_C$=0 | | | 1.0 | A |
| DC Current Gain | $h_{FE}$ | $V_{CE}$=5.0V $I_C$=100mA | 100 | | 320 | |
| Collector to Emitter Saturation Voltage | $V_{CE(sat)}$ | $I_C$=500mA $I_B$=50mA | | | 1.5 | V |
| Base to Emitter Voltage | $V_{BE}$ | $V_{CE}$=5.0V $I_C$=500mA | | | 1.0 | V |
| Transition Frequency | $f_T$ | $V_{CE}$=10V $I_C$=100mA | | 100 | | MHz |
| Collector output capacitance | $C_{ob}$ | $V_{CB}$=10V $I_E$=0 f=1.0MHz | | 20 | | pF |

## / Electrical Characteristic Curve



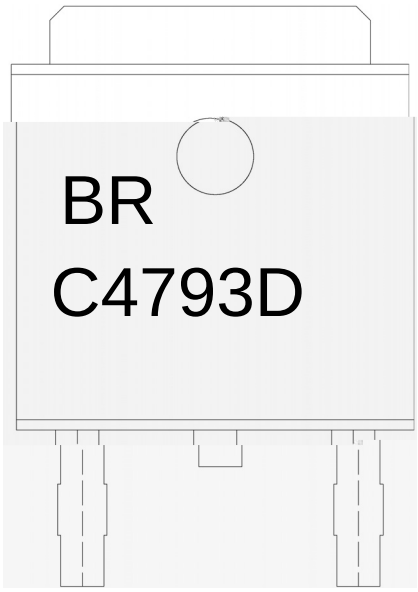
## / Package Dimensions




| | | | | |
|---|---|---|---|---|
| D1 | 5.10 | 5.50 | K | 0.00 |
| | 0.10 | | | |

TO-252

## / Marking Instructions




BR

C4793D

****

Note:

| | |
|---|---|
| BR: | Company Code |
| C4793D: | Product Type. |
| ****: | Lot No. Code, code change with Lot No. |