



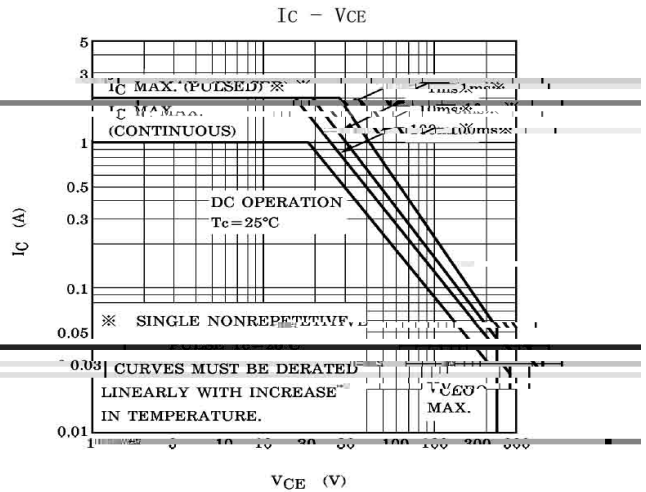
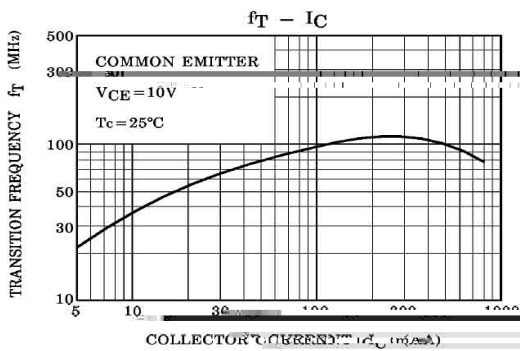
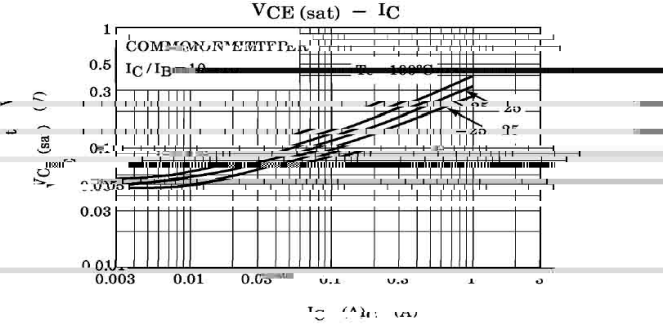
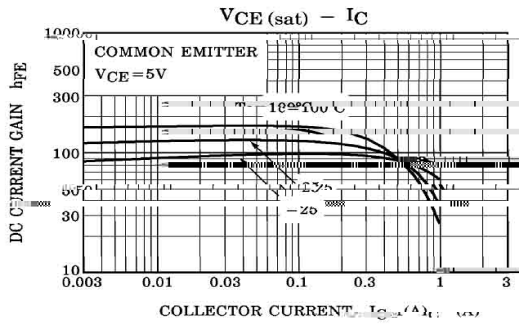
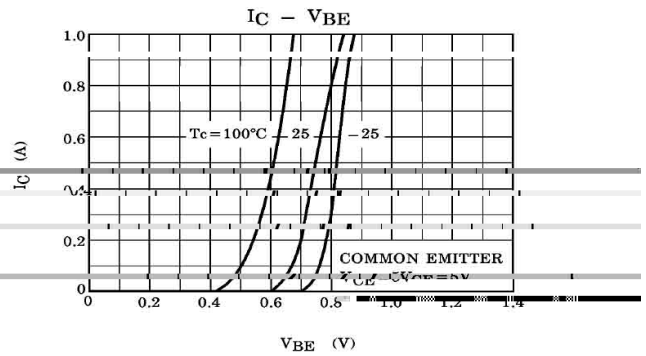
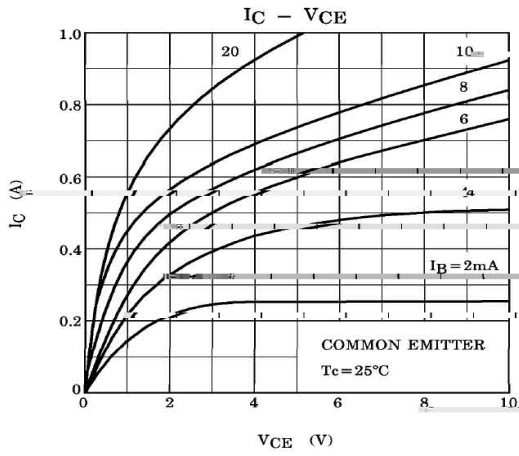
## / Absolute Maximum Ratings(Ta=25 )

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	$P_C(T_c=25)$	15	W
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

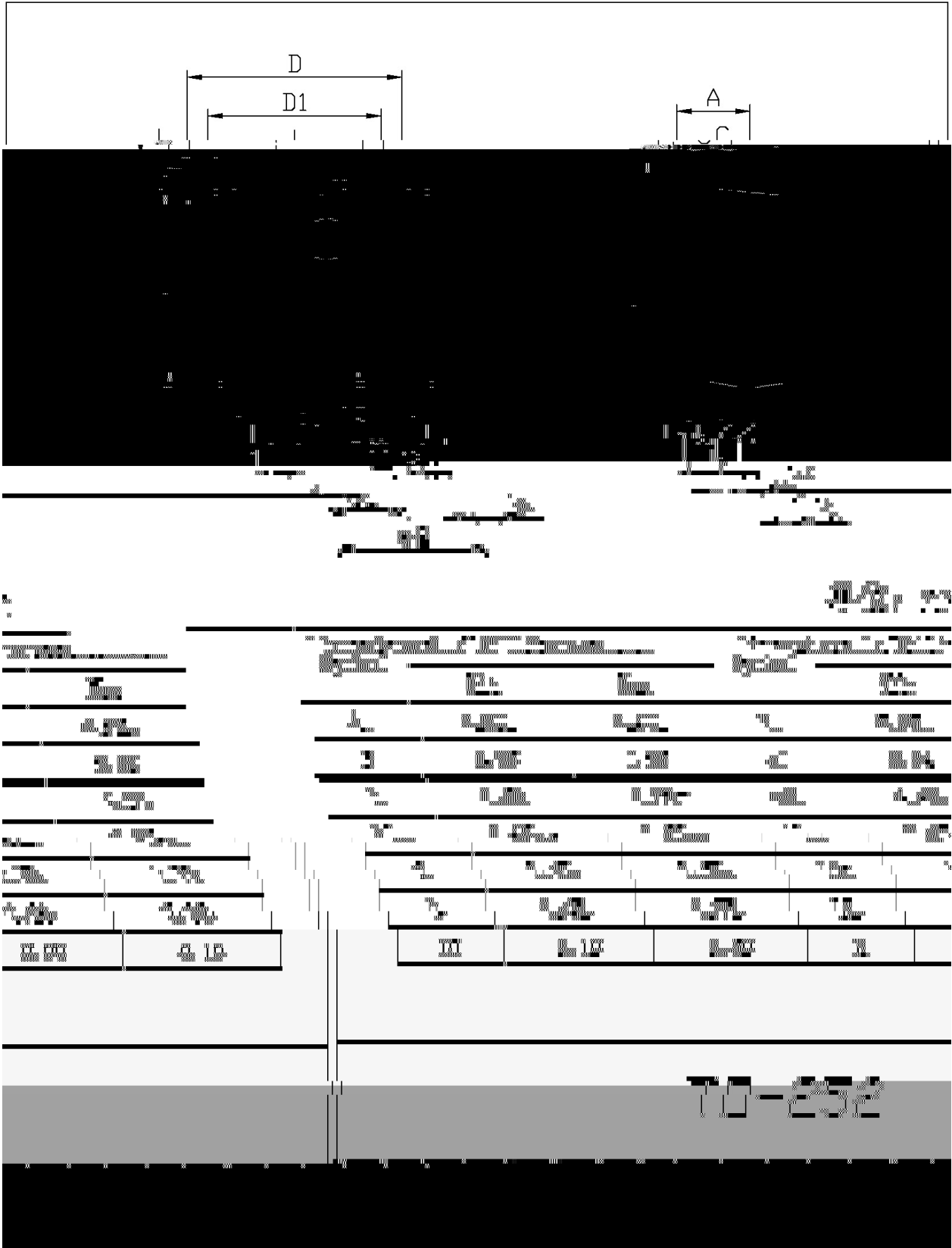
## / Electrical Characteristics(Ta=25 )

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	$\mu A$
Emitter Cut-Off Current	$I_{EBO}$	$V_{EB}=5.0V$ $I_C=0$			1.0	$\mu A$
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

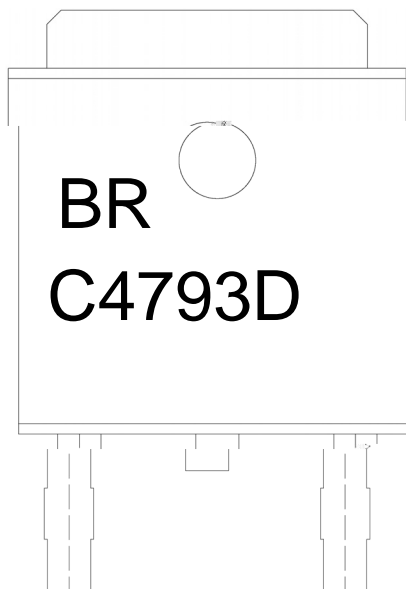
/ Electrical Characteristic Curve



/ Package Dimensions



**/ Marking Instructions**



BR

C4793D

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Note:

BR: Company Code

C4793D: Product Type.

\*\*\*\*: Lot No. Code, code change with Lot No.

