

9097250 TOSHIBA (DISCRETE/OPTO)

56C 07311 DT-33-17

SILICON PNP EPITAXIAL TYPE (PCT PROCESS)

2SA1322

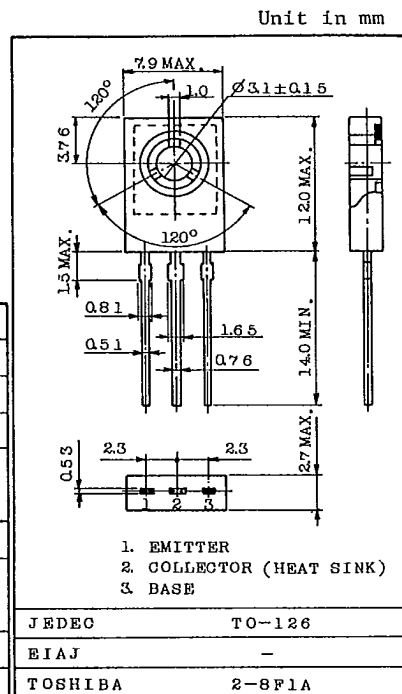
HIGH VOLTAGE SWITCHING APPLICATIONS.
COLOR TV CHROMA OUTPUT APPLICATIONS.

FEATURES:

- High Voltage : $V_{CEO} = -250V$
- Low C_{re} : 2.2pF(Max.)
- Complementary to 2SC3335

MAXIMUM RATINGS ($T_a = 25^\circ C$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	V_{CBO}	-250	V
Collector-Emitter Voltage	V_{CEO}	-250	V
Emitter-Base Voltage	V_{EBO}	-5	V
Collector Current	DC	I_C	mA
	Peak	I_{CP}	
Base Current	I_B	-20	mA
Collector Power Dissipation	$T_a = 25^\circ C$	P_C	W
	$T_c = 25^\circ C$	5.0	
Junction Temperature	T_j	150	$^\circ C$
Storage Temperature Range	T_{stg}	-55 ~ 150	$^\circ C$



Weight : 0.72g

Mounting Kit No. AC46C

ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ C$)

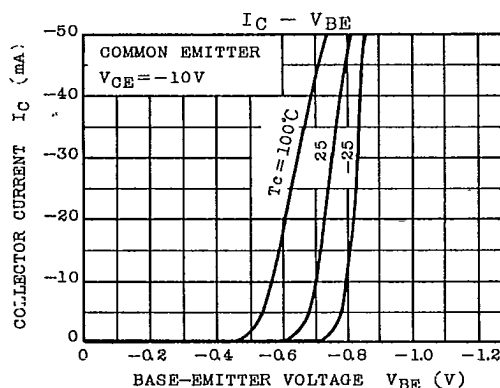
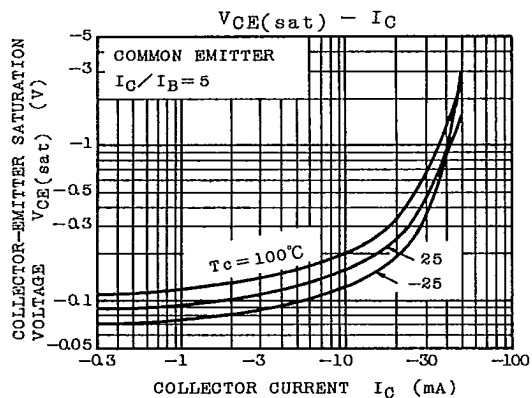
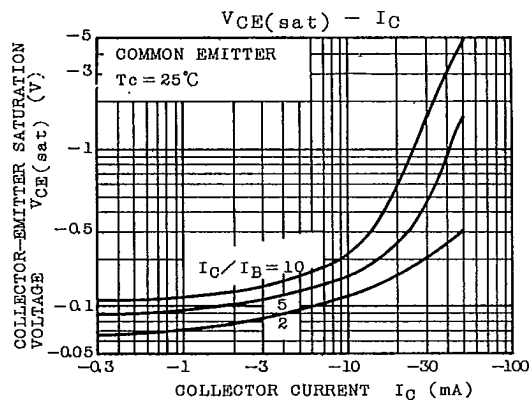
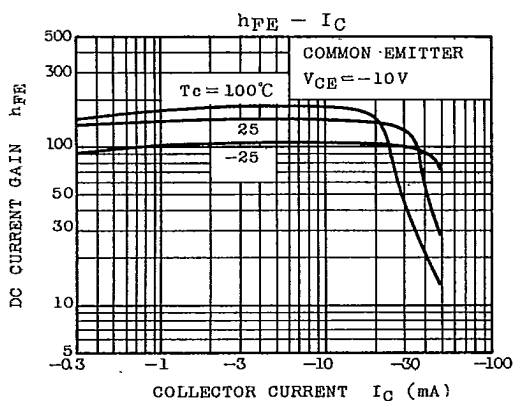
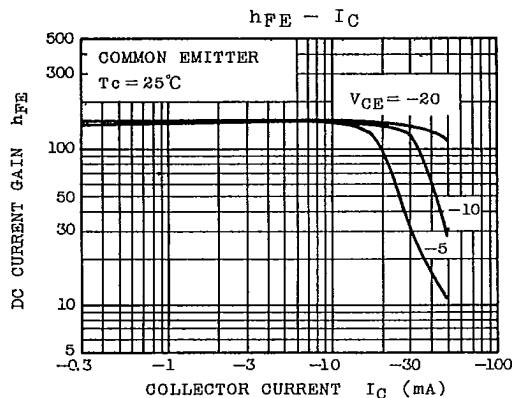
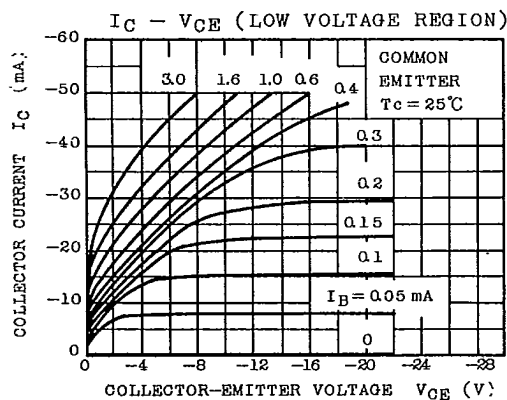
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	I_{CBO}	$V_{CB} = -200V, I_E = 0$	-	-	-1.0	μA
Emitter Cut-off Current	I_{EBO}	$V_{EB} = -5V, I_C = 0$	-	-	-1.0	μA
Collector-Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C = -1mA, I_B = 0$	-250	-	-	V
DC Current Gain	h_{FE}	$V_{CE} = -20V, I_C = -25mA$	50	-	-	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C = -10mA, I_B = -1mA$	-	-	-1.5	V
Base-Emitter Voltage	V_{BE}	$V_{CE} = -20V, I_C = -25mA$	-	-0.75	-	V
Transition Frequency	f_T	$V_{CE} = -10V, I_C = -10mA$	60	80	-	MHz
Reverse Transfer Capacitance	C_{re}	$V_{CB} = -30V, I_E = 0, f = 1MHz$	-	-	2.2	pF

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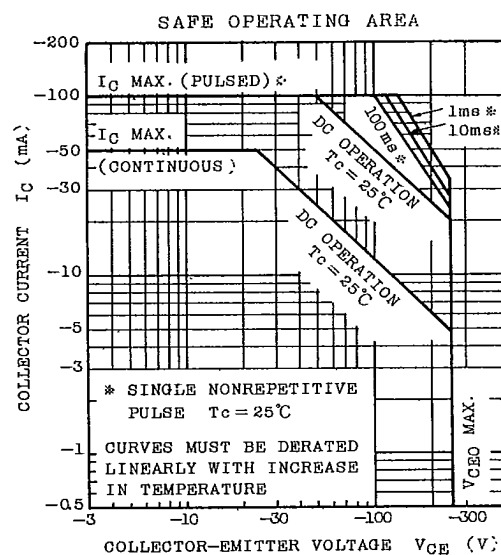
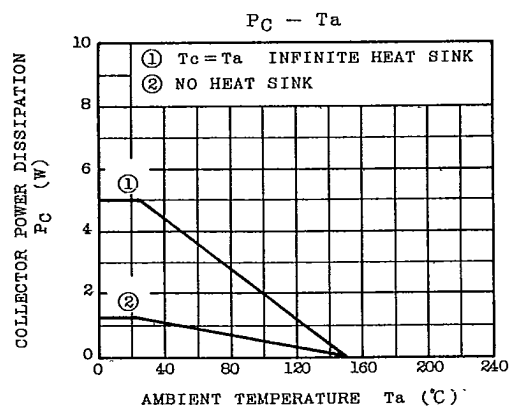
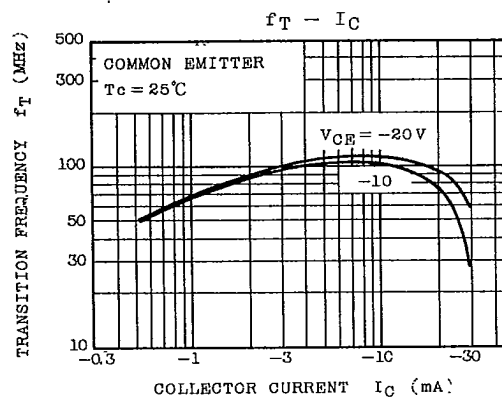
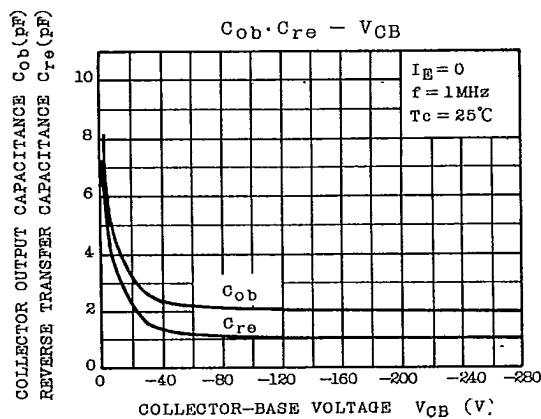
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