

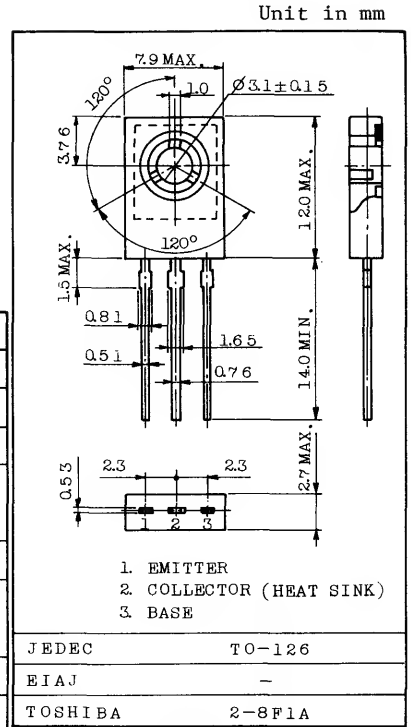
HIGH VOLTAGE SWITCHING APPLICATIONS.  
 COLOR TV CHROMA OUTPUT APPLICATIONS.

FEATURES:

- . High Voltage :  $V_{CE0} = -250V$
- . Low  $C_{re}$  :  $2.2pF(\text{Max.})$
- . Complementary to 2SC3335

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

CHARACTERISTIC		SYMBOL	RATING	UNIT
Collector-Base Voltage		$V_{CB0}$	-250	V
Collector-Emitter Voltage		$V_{CE0}$	-250	V
Emitter-Base Voltage		$V_{EB0}$	-5	V
Collector Current	DC	$I_C$	-50	mA
	Peak	$I_{CP}$	-100	
Base Current		$I_B$	-20	mA
Collector Power Dissipation	$T_a = 25^\circ C$	$P_C$	1.2	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	$I_{CB0}$	$V_{CB} = -200V, I_E = 0$	-	-	-1.0	$\mu A$
Emitter Cut-off Current	$I_{EB0}$	$V_{EB} = -5V, I_C = 0$	-	-	-1.0	$\mu A$
Collector-Emitter Breakdown Voltage	$V_{(BR)CE0}$	$I_C = -1mA, I_B = 0$	-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

