

COLOR TV VERT. DEFLECTION OUTPUT APPLICATIONS.
 COLOR TV CLASS B SOUND OUTPUT APPLICATIONS.

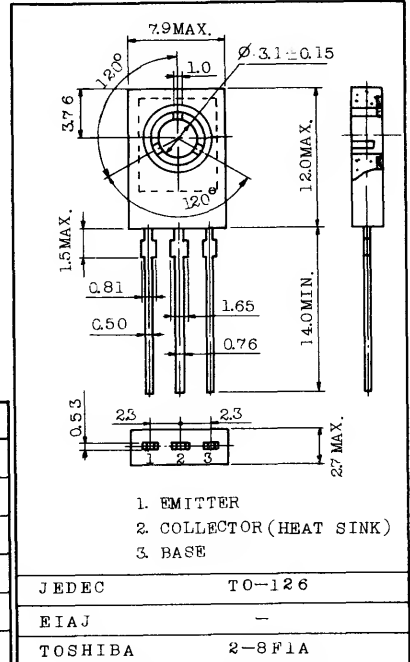
FEATURES:

- . Large Collector Current and Collector Power Dissipation Capability.
- . Recommended for Vert. Deflection Output & Sound Output Applications for Line Operated TV.
- . Complementary to 2SA1021

MAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC		SYMBOL	RATING	UNIT
Collector-Base Voltage		V _{CB0}	150	V
Collector-Emitter Voltage		V _{CE0}	150	V
Emitter-Base Voltage		V _{EB0}	6	V
Collector Current		I _C	1.5	A
Base Current		I _B	1.0	A
Collector Power Dissipation	Ta=25°C	P _C	1.2	W
	Tc=25°C		20	
Junction Temperature		T _j	150	°C
Storage Temperature Range		T _{stg}	-55~150	°C

Unit in mm



Mounting Kit No. AC46C
 Weight : 0.72g

ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	I _{CB0}	V _{CB} =150V, I _E =0	-	-	1.0	μA
Emitter Cut-off Current	I _{EB0}	V _{EB} =6V, I _C =0	-	-	1.0	μA
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	I _C =10mA, I _B =0	150	-	-	V
DC Current Gain	h _{FE} (Note)	V _{CE} =5V, I _C =200mA	60	-	320	-
Collector-Emitter Saturation Voltage	V _{CE(sat)}	I _C =500mA, I _B =50mA	-	-	1.5	V
Base-Emitter Voltage	V _{BE}	V _{CE} =5V, I _C =5mA	0.5	-	0.8	V
Transition Frequency	f _T	V _{CE} =5V, I _C =200mA	20	100	-	MHz
Collector Output Capacitance	C _{ob}	V _{CB} =10V, I _E =0, f=1MHz	-	13	20	pF

Note : h_{FE} Classification R:60~120 O:100~200 Y:160~320

2SC2481

