

isc Silicon PNP Power Transistor

2SB1096

DESCRIPTION

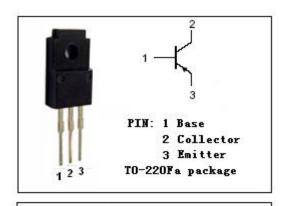
- High Collector Current:: I_C= -2A
- · Good Linearity of hFE
- Complement to Type 2SD1587
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

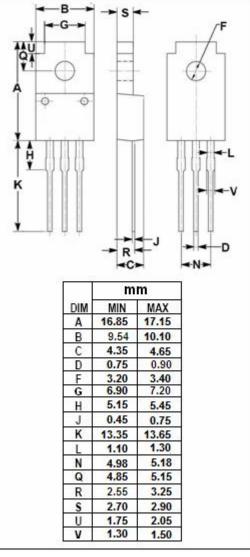
APPLICATIONS

• Designed for color TV vertical deflection output applications.



SYMBOL	PARAMETER	VALUE	UNIT	
V _{СВО}	Collector-Base Voltage	-200	V	
V _{CEO}	Collector-Emitter Voltage	-150	V	
V _{EBO}	Emitter-Base Voltage	-5	V	
Ic	Collector Current-Continuous	-2	А	
Ісм	Collector Current-Pulse	-3	А	
lΒ	Base Current-Continuous	-1.0	А	
Pc	Total Power Dissipation @ T _a =25℃	2		
	Total Power Dissipation @ T _C =25℃	25	W	
TJ	Junction Temperature	150	$^{\circ}$	
T _{stg}	Storage Temperature Range	-55~150	$^{\circ}$	







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ELECTRICAL CHARACTERISTICS

T_C=25℃ unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP.	MAX	UNIT	
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C = -0.5A; I _B = -50mA			-1.0	V	
I _{CBO}	Collector Cutoff Current	V _{CB} = -150V; I _E = 0			-50	μА	
I _{EBO}	Emitter Cutoff Current	V _{EB} = -4V; I _C = 0			-50	μА	
h _{FE}	DC Current Gain	I _C = -0.4A; V _{CE} = -10V	40		200		
f⊤	Current-Gain—Bandwidth Product	I _C = -0.4A; V _{CE} = -10V		5		MHz	

h_{FE} Classifications

М	L	К
40-80	60-120	100-200

NOTICE:

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