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2SA1307

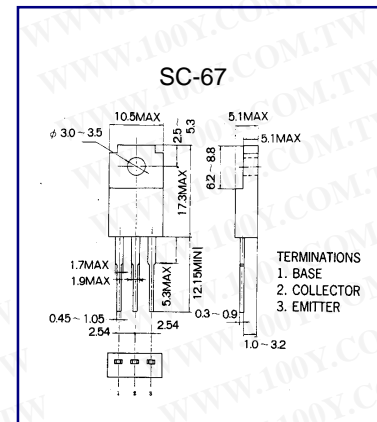
PNP EPITAXIAL SILICON TRANSISTOR

POWER AMPLIFIER
VERTICAL DEFLECTION OUTPUT

- Complement to 2SC3299

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	V _{CB0}	-60	V
Collector-Emitter Voltage	V _{CE0}	-50	V
Emitter-Base voltage	V _{EB0}	-5	V
Collector Current (DC)	I _C	-5	A
Collector Dissipation ($T_c=25^\circ\text{C}$)	P _C	20	W
Junction Temperature	T _j	150	°C
Storage Temperature	T _{stg}	-50~150	°C



ELECTRICAL CHARACTERISTICS ($T_A=25^\circ\text{C}$)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector Cutoff Current	I _{CB0}	V _{CB} = -150V , I _E =0			-10	μA
Emitter Cutoff Current	I _{EB0}	V _{EB} = -5V , I _C =0			-10	μA
DC Current Gain	h _{FE1}	V _{CE} = -1.0V , I _C =-1.0A	70		240	
Collector- Emitter Saturation Voltage	V _{CE(sat)}	I _C =-3A , I _B =-0.15mA			-0.4	V
Current Gain Bandwidth Product	F _t	V _{CE} = -10V , I _C =-0.5A		60		MHZ