

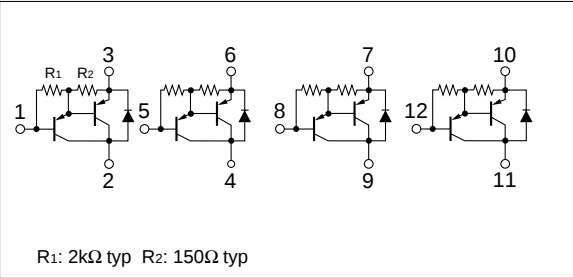
Absolute maximum ratings (Ta=25°C)

Symbol	Ratings	Unit
V _{CB0}	-60	V
V _{CEO}	-60	V
V _{EB0}	-6	V
I _C	-4	A
I _B	-1	A
P _T	4 (Ta=25°C) 20 (Tc=25°C)	W
T _j	150	°C
T _{stg}	-40 to +150	°C

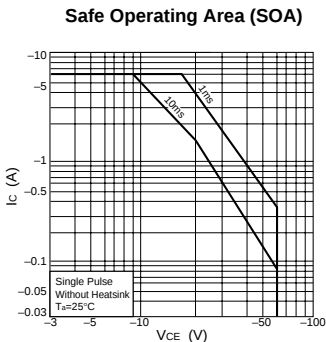
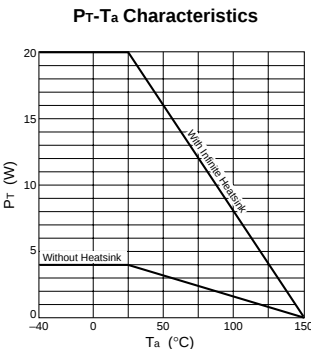
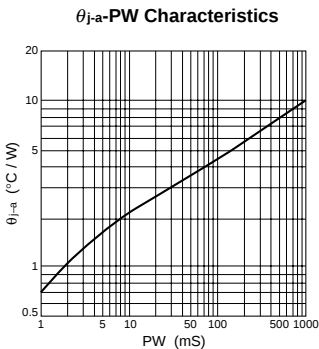
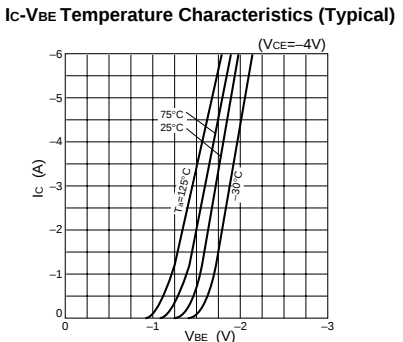
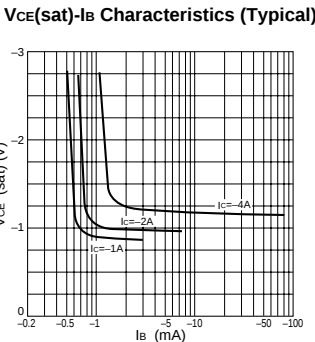
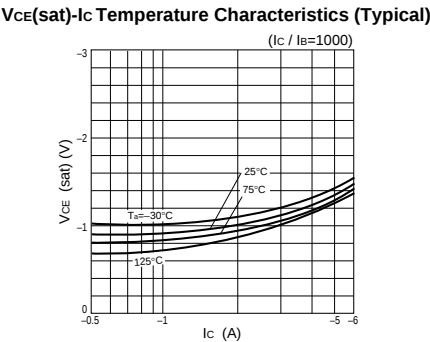
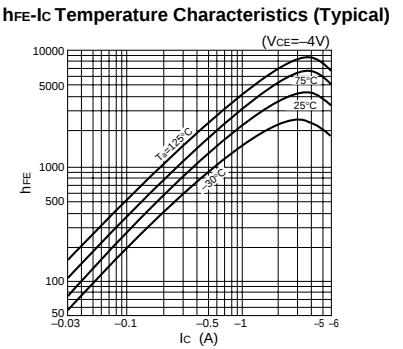
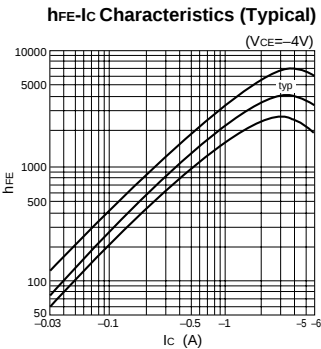
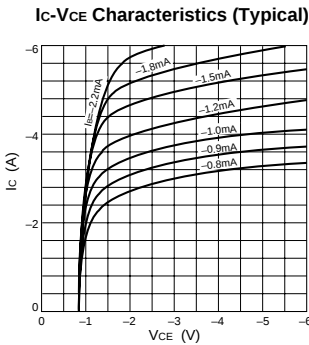
Electrical characteristics (Ta=25°C)

Symbol	Specification			Unit	Conditions
	min	typ	max		
I _{CBO}			-10	μA	V _{CB} =-60V
I _{EBO}			-10	mA	V _{EB} =-6V
V _{CEO}	-60			V	I _C =-10mA
h _{FE}	2000				V _{CE} =-4V, I _C =-3A
V _{CE(sat)}			-1.5	V	I _C =-3A, I _B =-6mA

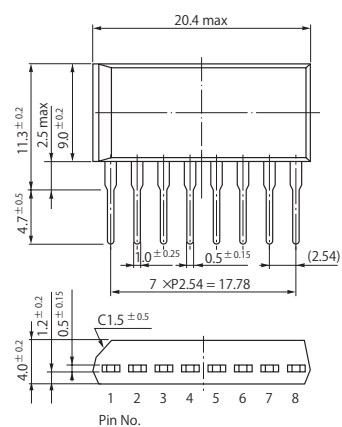
Equivalent circuit diagram



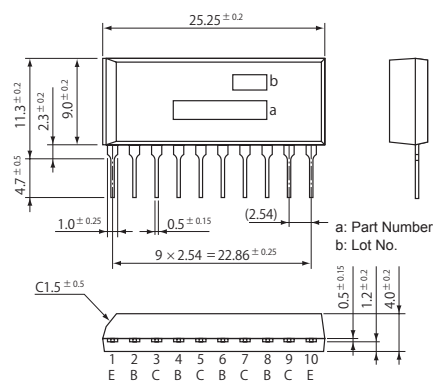
Characteristic curves



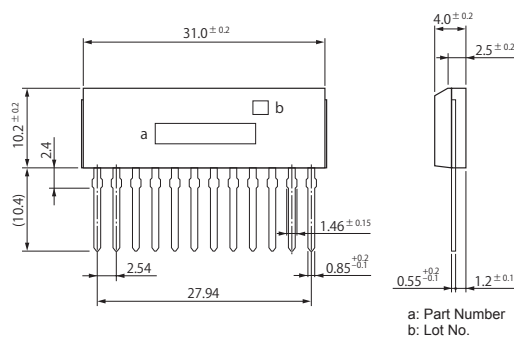
• SIP 8 (STA8Pin)



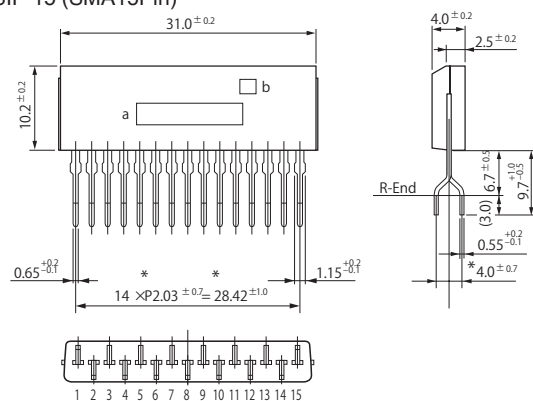
• SIP 10 (STA10Pin)



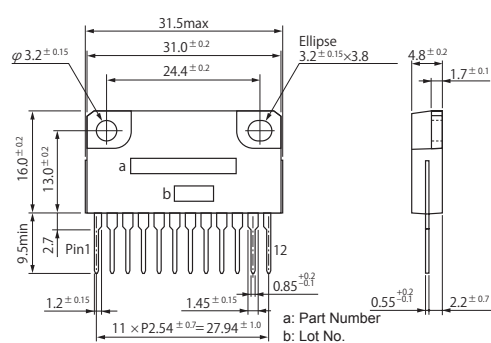
• SIP 12 (SMA12Pin)



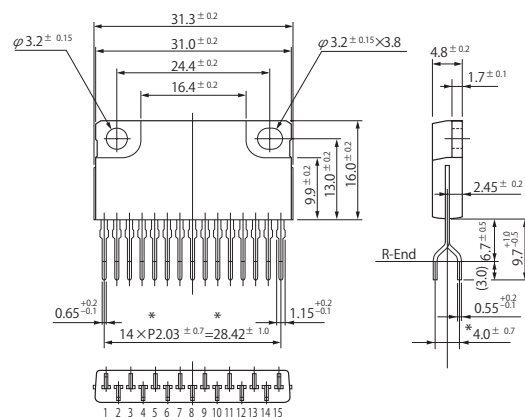
• SIP 15 (SMA15Pin)



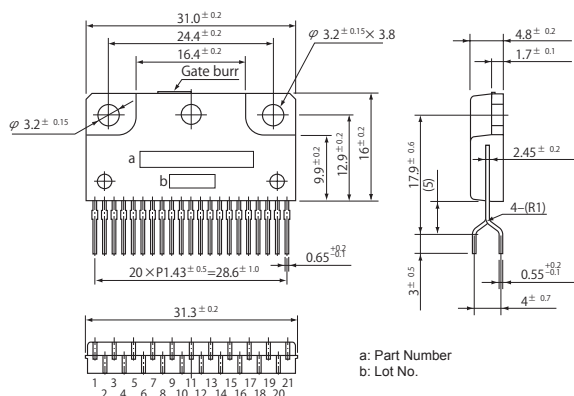
• SIP 12 with Fin (SLA12Pin)



• SIP 15 with Fin (SLA15Pin)



• SIP 21 with Fin (SLA21Pin)



(Unit:mm)