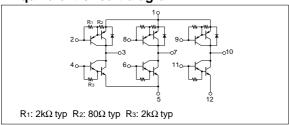
(Ta=25°C)

SLA6026

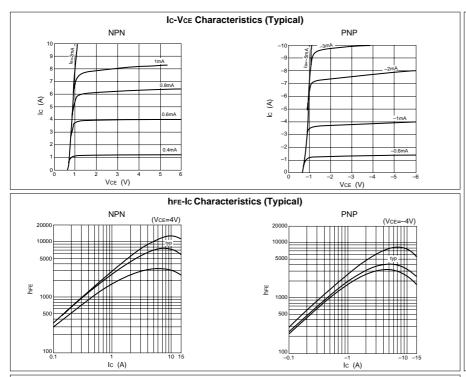
Absolute maximum ratings

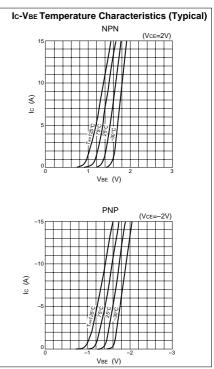
	Pot	(1a=25 0)				
Symbol	NPN	ings PNP	Unit			
Vсво	60	-60	V			
Vceo	60	-60	V			
Vево	6	-6	V			
lc	10	-10	А			
Іср	15 (PW≤1ms, Du≤50%)	–15 (PW≤1ms, Du≤50%)	А			
IFEC	_	-10	А			
IFECP	_	-15	А			
Ів	0.5	-0.5	А			
Рт	5 (Ta=	— W				
	35 (T _c :					
Viso	1000 (Between fin and lead pin, AC)					
Tj	150					
Tstg	-40 to +150					
<i>Ө</i> ј–с	3.57					

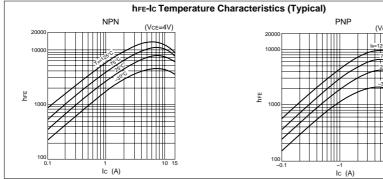
■Equivalent circuit diagram



■ Characteristic curves



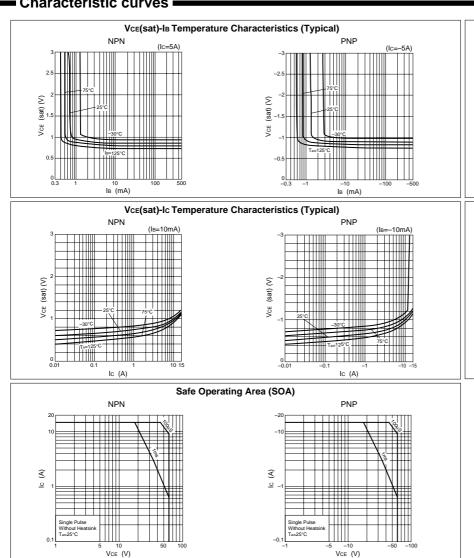


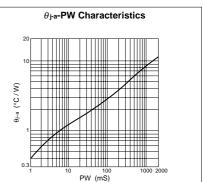


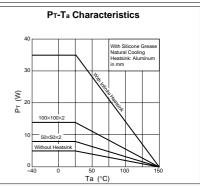
Electrical characteristics (Ta=25°C)

	NPN					PNP				
Symbol	Specification			Unit	Conditions	Specification		Unit	Conditions	
	min	typ	max	Onit	Conditions	min	typ	max	Unit	Conditions
Ісво			10	μΑ	Vcb=60V			-10	μΑ	Vcb=-60V
ІЕВО			10	μΑ	VEB=6V			-10	mA	VEB=-6V
VCEO	60			V	Ic=10mA	-60			V	Ic=-10mA
hfe	2000	5000	12000		Vce=4V, Ic=6A	2000	5000	12000		Vce=-4V, Ic=-6A
Vce(sat)			1.5	V	1 04 1 40 4			-1.5	V	
V _{BE} (sat)			2.0	V	Ic=6A, Iв=12mA			-2.0	V	Ic=-6A, Iв=-12mA
VFEC		_		V				2.0	V	IFEC=-6A
trr		_		μs			4.0		μs	IFEC=±0.5A
ton		0.6		μs	Vcc≒24V,		0.7		μs	Vcc≒–24V,
tstg		2.0		μs	Ic=6A,		1.2		μs	Ic=-6A,
tf		1.5		μs	IB1=-IB2=12mA		0.7		μs	Iв1=-Iв2=-12mA
f⊤		50		MHz	Vce=12V, Ie=-1A		50		MHz	Vce=-12V, Ie=1A
Cob		100		pF	Vcв=10V, f=1MHz		180		pF	Vcb=-10V, f=1MHz

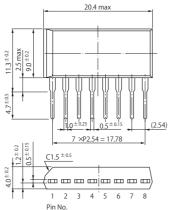
Characteristic curves



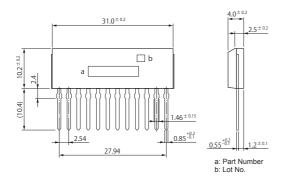




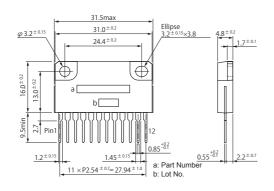




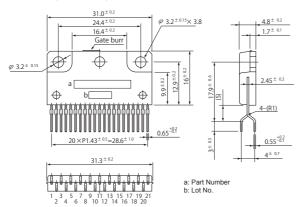
• SIP 12 (SMA12Pin)



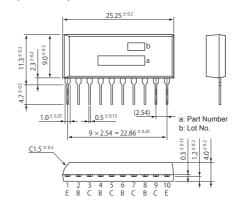
• SIP 12 with Fin (SLA12Pin)



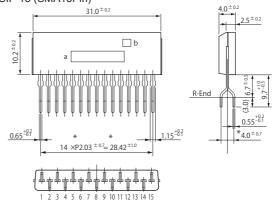
• SIP 21 with Fin (SLA21Pin)



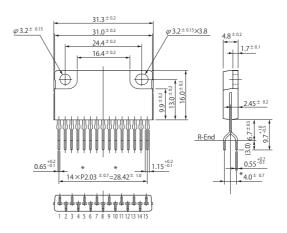
• SIP 10 (STA10Pin)



• SIP 15 (SMA15Pin)



• SIP 15 with Fin (SLA15Pin)



(Unit:mm)