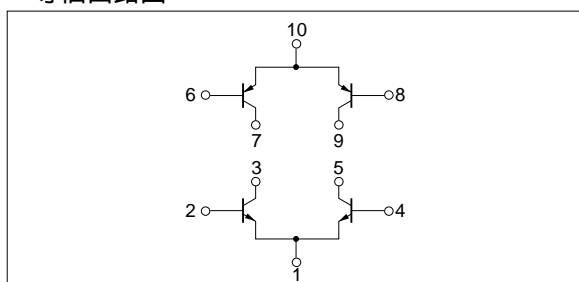


## 絶対最大定格

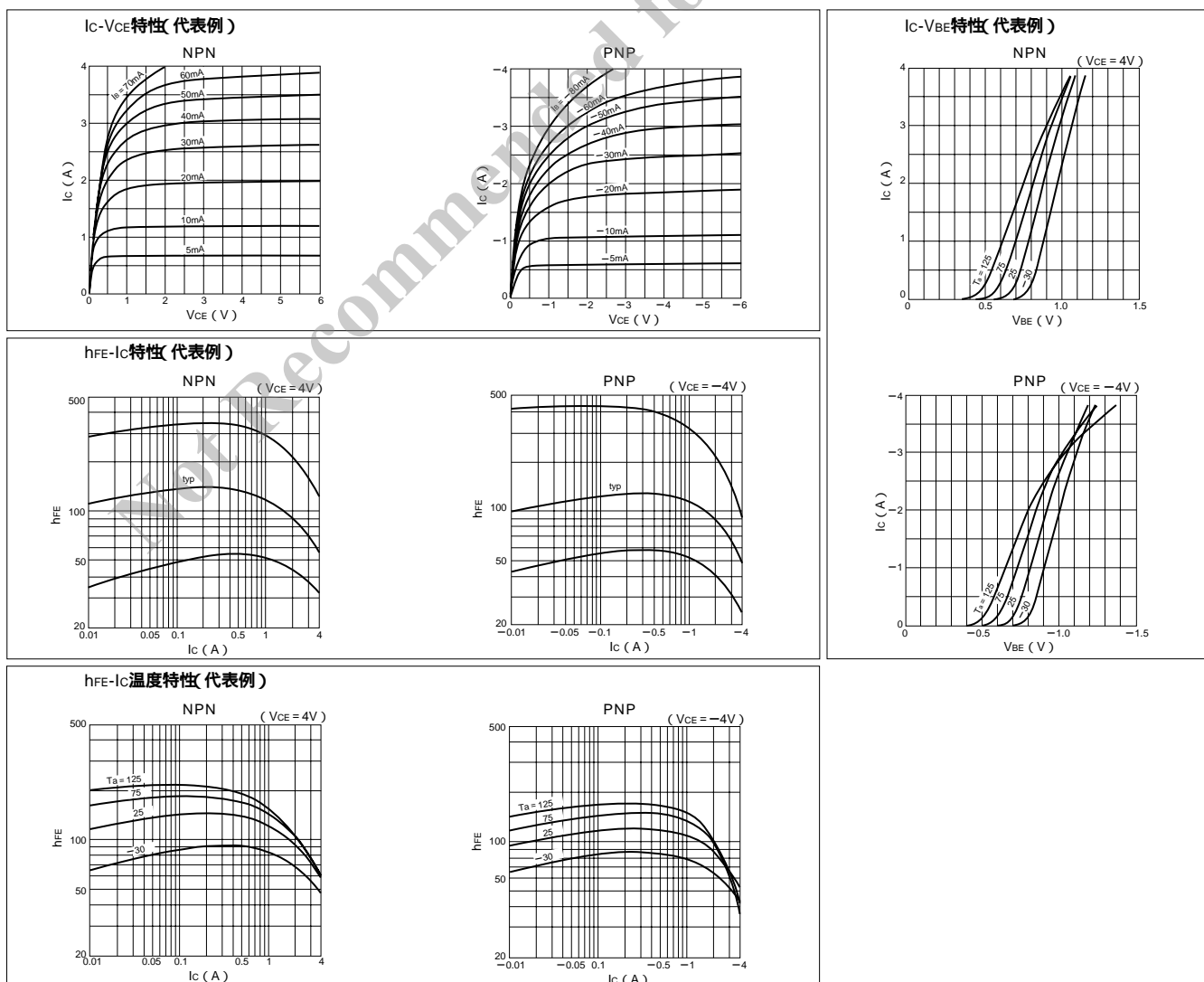
( $T_a = 25$  )

記号	定 格		単 位
	NPN	PNP	
$V_{CBO}$	60	- 60	V
$V_{CEO}$	60	- 60	V
$V_{EBO}$	6	- 6	V
$I_c$	3	- 3	A
$I_{cP}$	6 (PW 10ms, Du 50%)	- 6 (PW 10ms, Du 50%)	A
$P_T$	4 ( $T_a = 25$ )		W
	20 ( $T_c = 25$ )		
$T_j$	150		
$T_{stg}$	- 40 ~ + 150		

## 等価回路図



## 特性曲線

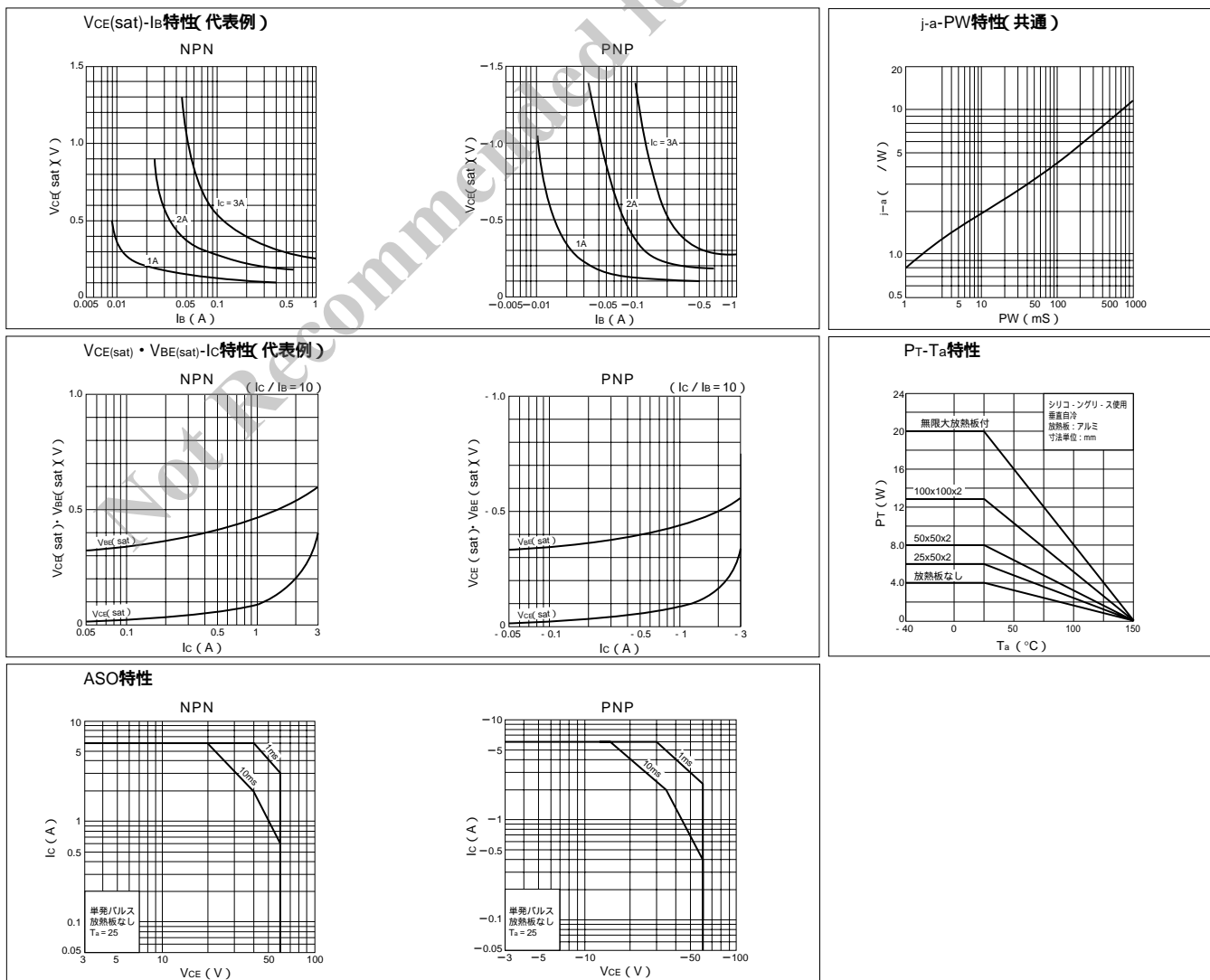


## 電気的特性

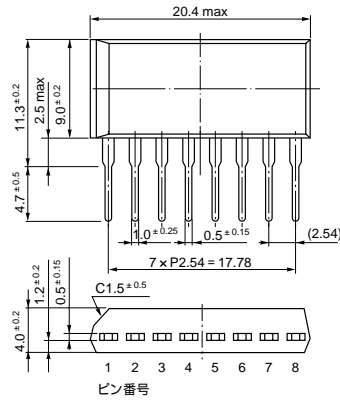
( $T_a = 25$ )

記号	NPN					PNP				
	規格値			単位	条件	規格値			単位	条件
	min	typ	max			min	typ	max		
$I_{CBO}$			100	$\mu A$	$V_{CB} = 60V$			- 100	$\mu A$	$V_{CB} = - 60V$
$I_{EBO}$			100	$\mu A$	$V_{EB} = 6V$			- 100	$\mu A$	$V_{EB} = - 6V$
$V_{CEO}$	60			V	$I_c = 25mA$	- 60			V	$I_c = - 25mA$
hFE	40				$V_{CE} = 4V, I_c = 1A$	40				$V_{CE} = - 4V, I_c = - 1A$
$V_{CE(sat)}$			1.0	V	$I_c = 2A, I_B = 0.2A$			- 1.0	V	$I_c = - 2A, I_B = - 0.2A$
$t_{on}$		0.2		$\mu s$	$V_{CC} = 12V,$ $I_c = 2A,$ $I_{B1} = - I_{B2} = 0.2A$		0.25		$\mu s$	$V_{CC} = - 12V,$ $I_c = - 2A,$ $I_{B1} = - I_{B2} = - 0.2A$
$t_{stg}$		1.0		$\mu s$			0.75		$\mu s$	
$t_f$		0.3		$\mu s$			0.25		$\mu s$	

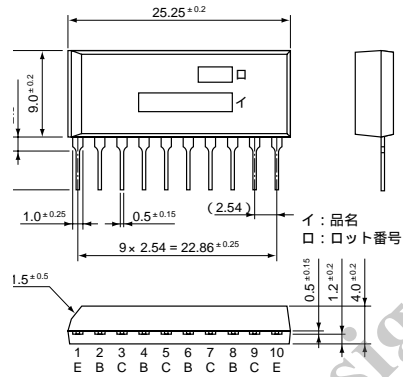
## 特性曲線



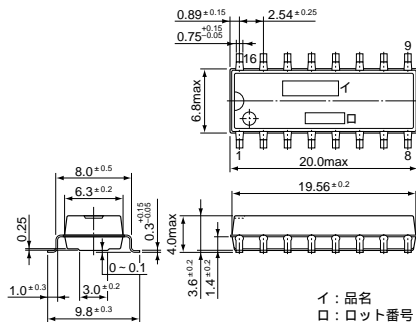
・ STA 8 pin (SIP8Pin)



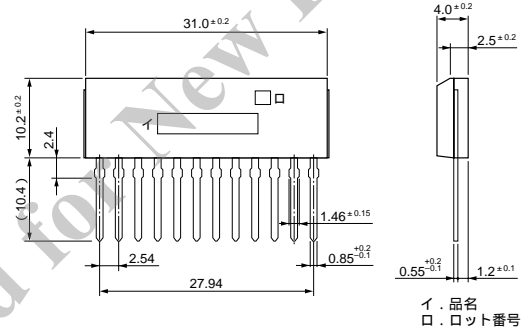
・ STA 10 pin (SIP10Pin)



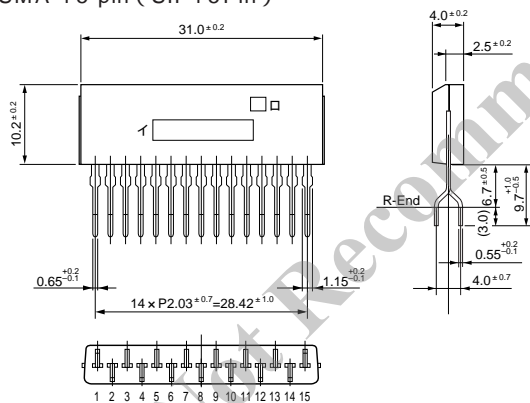
・ SD 16 pin (SMD16Pin)



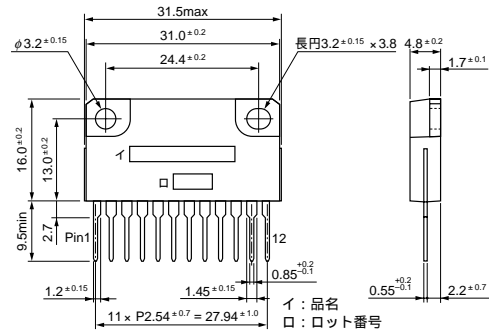
・ SMA 12 pin (SIP12Pin)



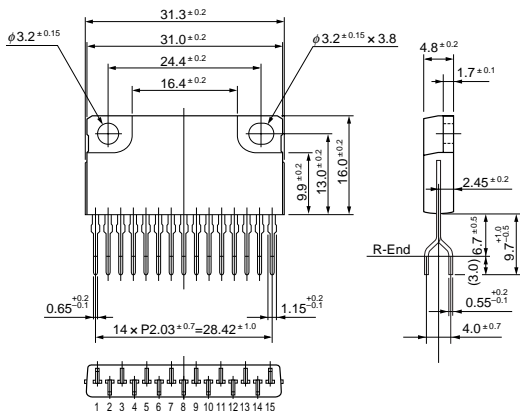
・ SMA 15 pin (SIP15Pin)



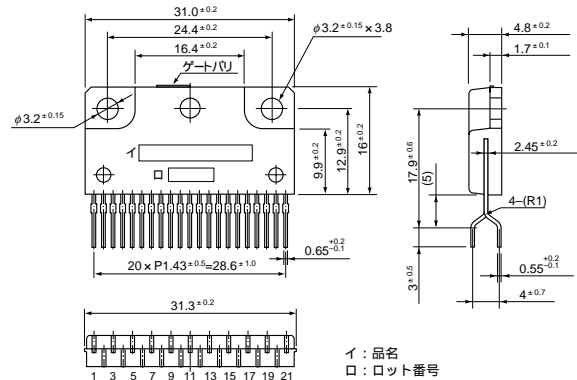
・ SLA 12 pin (SIP12Pin フィン付)



・ SLA 15 pin (SIP15Pin フィン付)



・ SLA 21 pin (SIP21Pin フィン付)



(単位: mm)