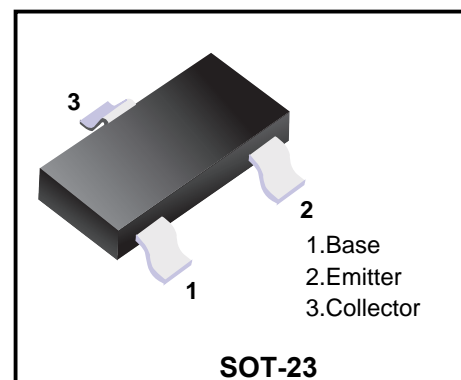


PNP Transistors

Features

- Suitable for driver stage of small motor.
- Small package.



Absolute Maximum Ratings (Ta=25℃)

Parameter	Symbol	Rating	Unit
Collector-base voltage	V _{CB0}	-15	V
Collector-emitter voltage	V _{CE0}	-15	V
Emitter-base voltage	V _{EB0}	-5	V
Collector current	I _C	-800	mA
Base current	I _B	-160	mA
Collector dissipation	P _C	200	mW
Junction temperature	T _j	150	℃
Storage temperature	T _{stg}	-55 to +150	℃

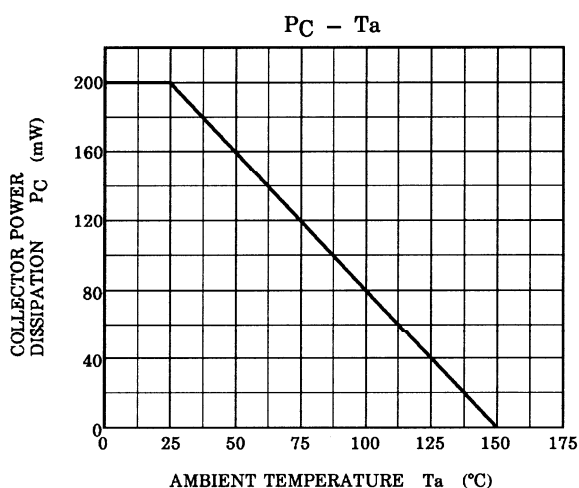
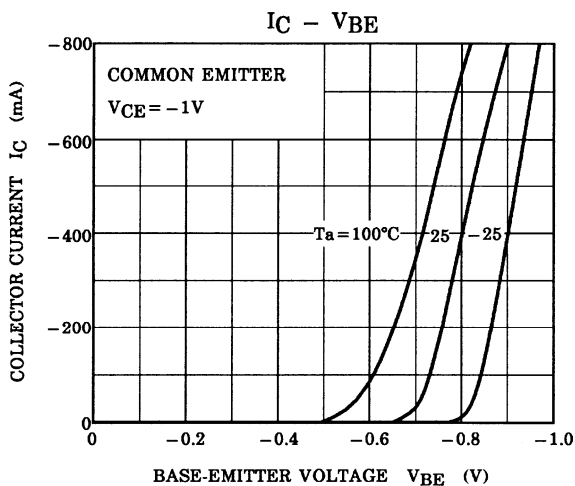
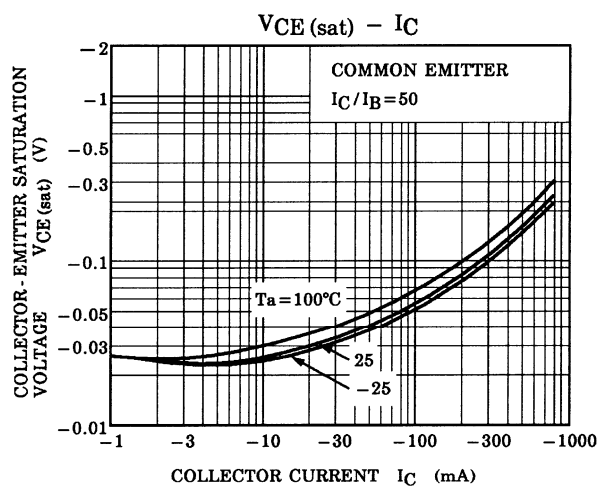
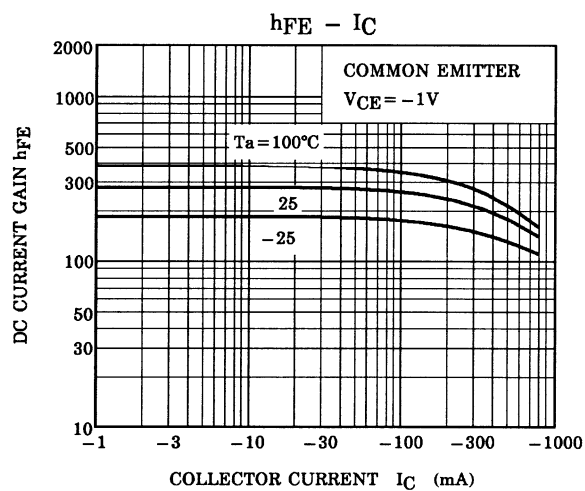
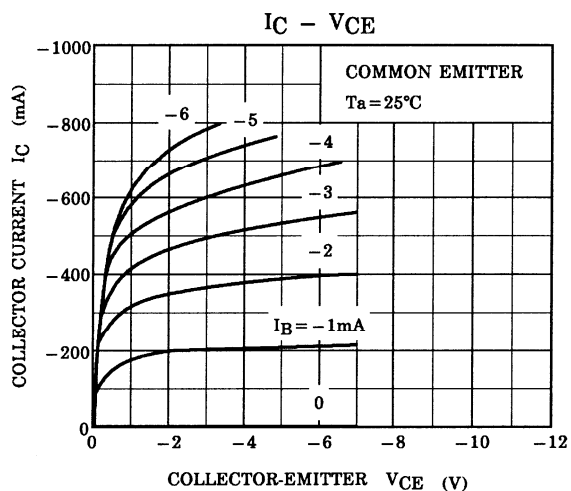
Electrical Characteristics (Ta=25℃ unless otherwise specified.)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector- base breakdown voltage	V _{CB0}	I _C = -100 μA, I _E =0	-15			V
Collector- emitter breakdown voltage	V _{CE0}	I _C = -10 mA, I _B =0	-15			
Emitter - base breakdown voltage	V _{EB0}	I _E = -100 μA, I _C =0	-5			
Collector-base cut-off current	I _{CB0}	V _{CB} = -15 V, I _E =0			-100	nA
Emitter cut-off current	I _{EB0}	V _{EB} = -5 V, I _C =0			-100	
Collector-emitter saturation voltage	V _{CE(sat)}	I _C =-400 mA, I _B =- 8mA			-0.2	V
Base-emitter saturation voltage	V _{BE(sat)}	I _C =-400 mA, I _B =- 8mA			-1.2	
Base - emitter voltage	V _{BE}	V _{CE} = -1V, I _C = -10 mA	-0.5		-0.8	
DC current gain	h _{FE}	V _{CE} = -1V, I _C = -100mA	120		400	
		V _{CE} = -1V, I _C = -800mA	40			
Common base output capacitance	C _{ob}	V _{CB} = -10V, I _E = 0,f=1MHz		13		pF
Transition frequency	f _T	V _{CB} = -5V,I _C =-10mA		120		MHz

h_{FE} Classification

Type	2SA1362-Y	2SA1362-G
Range	120-240	200-400
Marking	AEY	AEG

Typical Characteristics



Ordering information

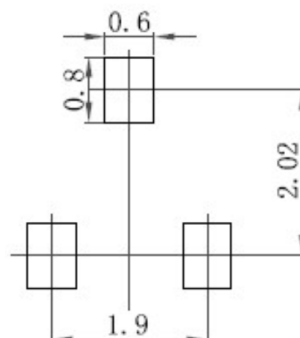
Package	Packing Description	Base Quantity	Packing Quantity
SOT-23	Tape/Reel, 7" reel	3000pcs/Reel	24000PCS/Box 120000PCS/Carton

Package Dimensions

SOT-23

Dim.	Millimeter (mm)		mil	
	Min.	Max.	Min.	Max.
A	0.9	1.15	35	45
A1	0.1		3.9	
bp	0.38	0.48	15	19
C	0.09	0.15	3.54	5.9
D	2.8	3.0	110	118
E	1.2	1.4	47	55
E	1.9		75	
E1	0.95		37	
HE	2.1	2.55	83	100
Lp	0.15	0.45	5.9	18
Q	0.45	0.55	18	22
v	0.2		7.9	
W	0.1		4	

The recommended mounting pad size



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