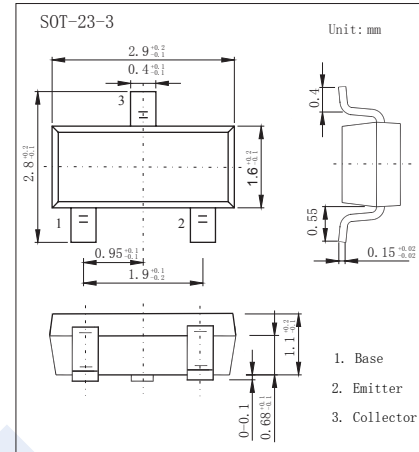


PNP Transistors

2SA1362-HF

■ Features

- Suitable for driver stage of small motor.
- Small package.
- Pb-Free Package May be Available. The G-Suffix Denotes a Pb-Free Lead Finish



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Collector-base voltage	V _{CB0}	-15	V
Collector-emitter voltage	V _{CEO}	-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	°C
Storage temperature	T _{stg}	-55 to +150	°C

■ Electrical Characteristics Ta = 25°C

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 _{CEO}	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} = -5V, 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

■ Classification of h_{FE}

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

PNP Transistors

2SA1362-HF

■ Typical Characteristics

