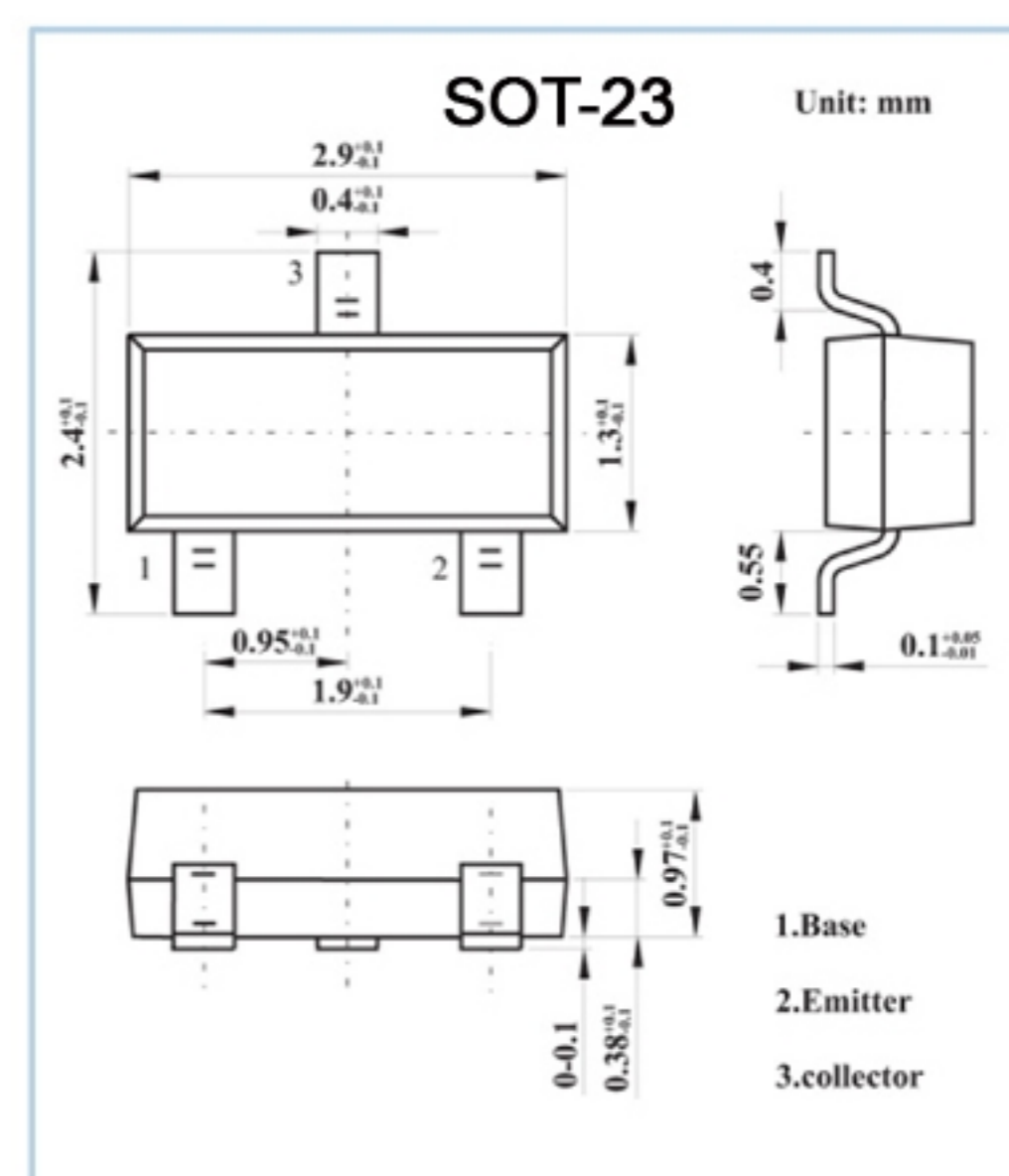


■ Features

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



■ 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	Testconditons	Min	Typ	Max	Unit
Collector 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	nA
Collector-emitter breakdown voltage	V _{(BR)CEO}	I _C = -10 mA, I _B = 0	-15			V
DC current gain	h _{FE}	V _{CE} = -1 V, I _C = -100 mA	120		400	
Collector-emitter saturation voltage	V _{CE sat}	I _C = -400 mA, I _B = -8 mA			-0.2	V
Base-emitter voltage	V _{BE}	V _{CE} = -1 V, I _C = -10 mA	-0.5		-0.8	V
Transition frequency	f _T	V _{CE} = -5 V, I _C = -10 mA		120		MHz
Collector output capacitance	C _{ob}	V _{CB} = -10 V, I _E = 0, f = 1 MHz		13		pF

■ hFE Classification

Marking	AE	
	Y	G
Rank	Y	G
hFE	120-240	200~400