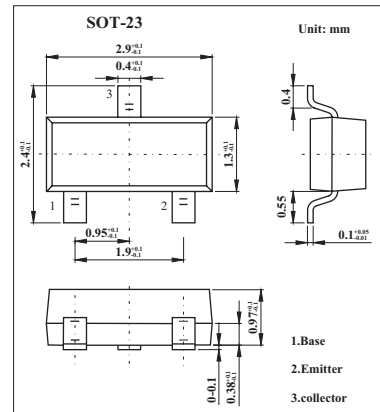


# 2SA1484

## ■ Features



## ■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Collector to base voltage	V <sub>CB0</sub>	-90	V
Collector to emitter voltage	V <sub>CEO</sub>	-90	V
Emitter to base voltage	V <sub>EBO</sub>	-5	V
Collector current	I <sub>c</sub>	-100	mA
Collector power dissipation	P <sub>c</sub>	150	mW
Junction temperature	T <sub>j</sub>	150	°C
Storage temperature	T <sub>stg</sub>	-55 to +150	°C

## ■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditons	Min	Typ	Max	Unit
Collector to base breakdown voltage	V <sub>(BR)CBO</sub>	I <sub>c</sub> = -10 μA, I <sub>E</sub> = 0	-90			V
Collector to emitter breakdown voltage	V <sub>(BR)CEO</sub>	I <sub>c</sub> = -1 mA, R <sub>BE</sub> = ∞	-90			V
Emitter to base breakdown voltage	V <sub>(BR)EBO</sub>	I <sub>E</sub> = -10 μA, I <sub>C</sub> = 0	-5			V
Collector cutoff current	I <sub>CBO</sub>	V <sub>CB</sub> = -70 V, I <sub>E</sub> = 0			-0.1	μA
Emitter cutoff current	I <sub>EBO</sub>	V <sub>EB</sub> = -2 V, I <sub>c</sub> = 0			-0.1	μA
DC current transfer ratio	h <sub>FE</sub>	V <sub>CE</sub> = -12 V, I <sub>c</sub> = -2 mA ( * )	250		800	
Collector to emitter saturation voltage	V <sub>CE(sat)</sub>	I <sub>c</sub> = -10 mA, I <sub>B</sub> = -1 mA ( * )			-0.15	V
Base to emitter saturation voltage	V <sub>BE(sat)</sub>	I <sub>C</sub> = -10 mA, I <sub>B</sub> = -1 mA ( * )			-1	V

\* Pulse test.

## ■ hFE Classification

Marking	IRD	IRE
hFE	250~500	400~800