
2SA1485

Silicon PNP Epitaxial

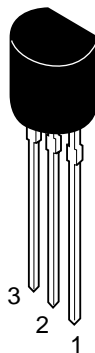
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Application

Low frequency amplifier

Outline

TO-92 (1)



- 1. Emitter
- 2. Collector
- 3. Base

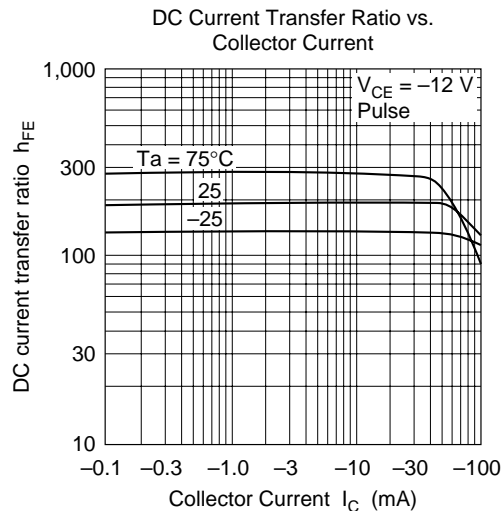
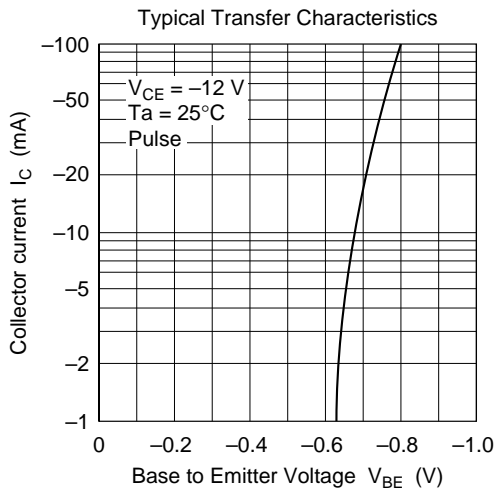
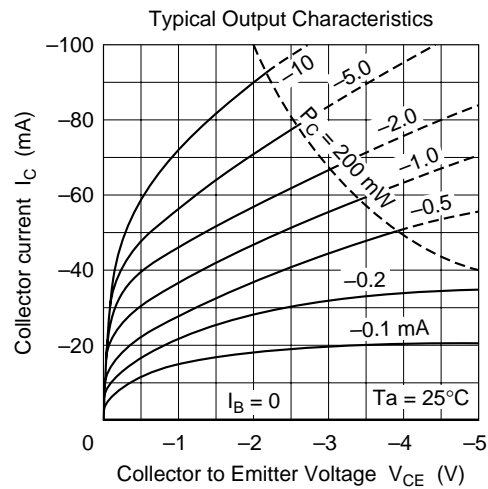
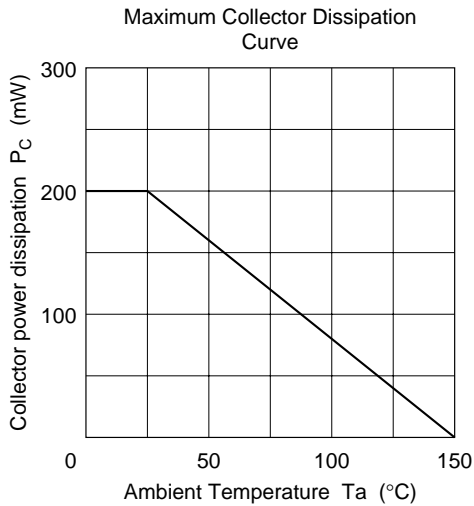
Absolute Maximum Ratings (Ta = 25°C)

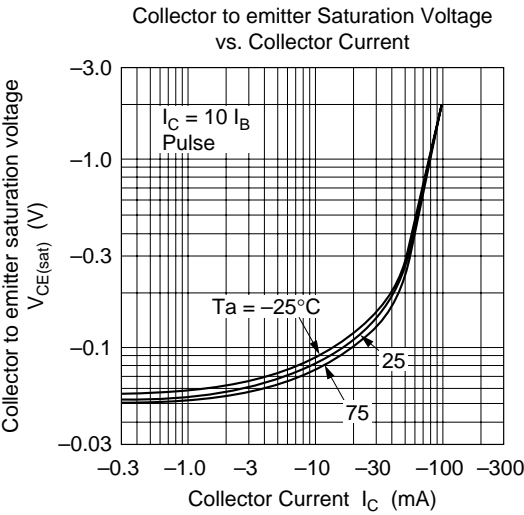
Item	Symbol	Ratings	Unit
Collector to base voltage	V _{CBO}	−200	V
Collector to emitter voltage	V _{CEO}	−200	V
Emitter to base voltage	V _{EBO}	−5	V
Collector current	I _C	−100	mA
Collector power dissipation	P _C	200	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	−55 to +150	°C

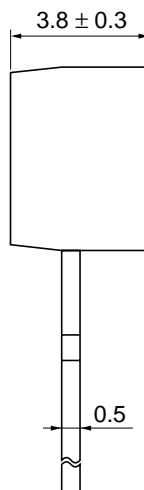
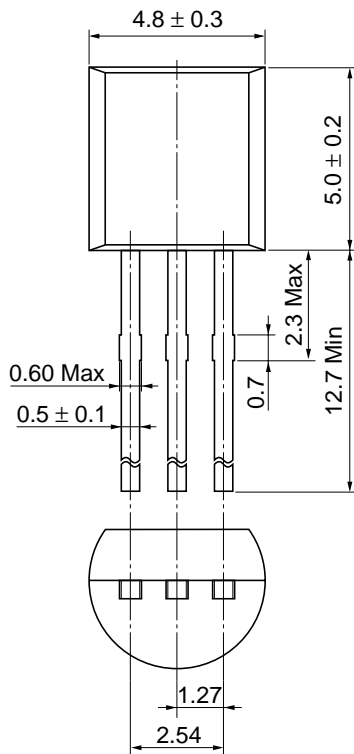
Electrical Characteristics (Ta = 25°C)

Item	Symbol	Min	Typ	Max	Unit	Test conditions
Collector to base breakdown voltage	V _{(BR)CBO}	−200	—	—	V	I _C = −10 μA, I _E = 0
Collector to emitter breakdown voltage	V _{(BR)CEO}	−200	—	—	V	I _C = −0.5 mA, R _{BE} = ∞
Emitter to base breakdown voltage	V _{(BR)EBO}	−5	—	—	V	I _E = −10 μA, I _C = 0
Collector cutoff current	I _{CEO}	—	—	−500	μA	V _{CE} = −200 V, R _{BE} = ∞
DC current transfer ratio	h _{FE}	100	—	250		V _{CE} = −12 V, I _C = −2 mA* ¹
Collector to emitter saturation voltage	V _{CE(sat)}	—	—	−0.5	V	I _C = −30 mA, I _B = −3 mA* ¹
Base to emitter voltage	V _{BE}	—	—	−1.0	V	V _{CE} = −12 V, I _C = −2 mA* ¹

Note: 1. Pulse test







Hitachi Code	TO-92 (1)
JEDEC	Conforms
EIAJ	Conforms
Weight (reference value)	0.25 g

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