

8 i U` · BDB` Ga U` · · G] [b U` · Hf U b g

: Y U h i f` Y g

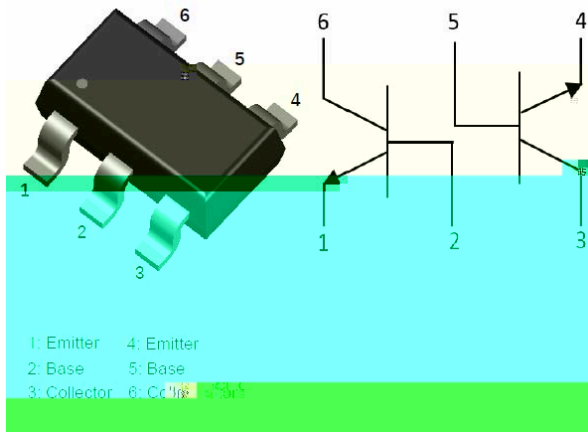
- z Moisture sensitivity level 1
- z Halogen free and RoHS compliant
- z Surface mount package ideally suited for automatic Insertion

Application

- z Signal amplification
- z Switching circuit

Mechanical data

- z Package SOT-23-6L
- z Terminals Tin plated leads, solderable per J-STD-002 and JESD22-B102



1: Emitter 4: Emitter
2: Base 5: Base
3: Collector 6: Collector

Maximum Ratings (Ta=25 Unless otherwise specified)

Item	Symbol	Unit	Conditions	Value
Device marking code				4Ft
Collector-base voltage	V_{CBO}	V	$I_C = 10\mu A, I_E = 0$	80
Collector-emitter voltage	V_{CEO}	V	$I_C = 10mA, I_B = 0$	65
Emitter-base voltage	V_{EBO}	V	$I_E = 10\mu A, I_C = 0$	6
Collector current	I_C	mA		100
Power dissipation	P_D	mW		300
Operation junction temperature	T_j			-55 to +150
Storage temperature	T_{STG}			-55 to +150

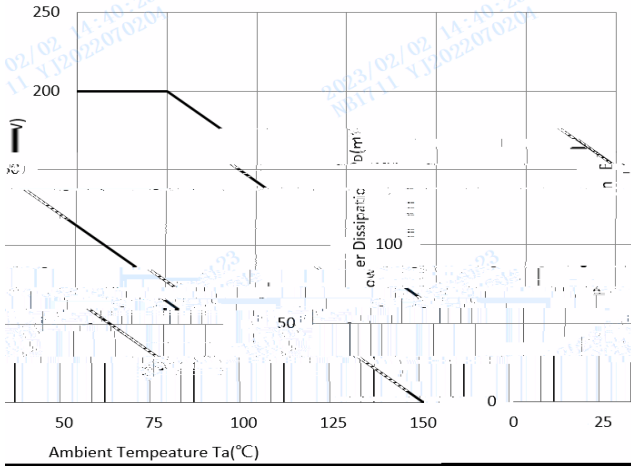


BC846DS

RoHS
COMPLIANT



Fig 7 D₈! H U ` 7 i f j Y





BC846DS

RoHS
COMPLIANT



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