

Dual NPN Small Signal Trans

Features

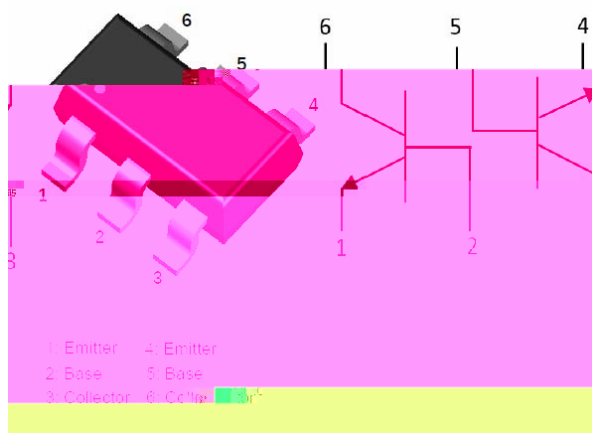
- z Moisture sensitivity level 1
- z Halogen free and RoHS compliant
- z Surface mount package ideally suited for automatic Insertion

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



■ 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	$^{\circ}C$		-55 to +150
Storage temperature	T_{STG}	$^{\circ}C$		-55 to +150

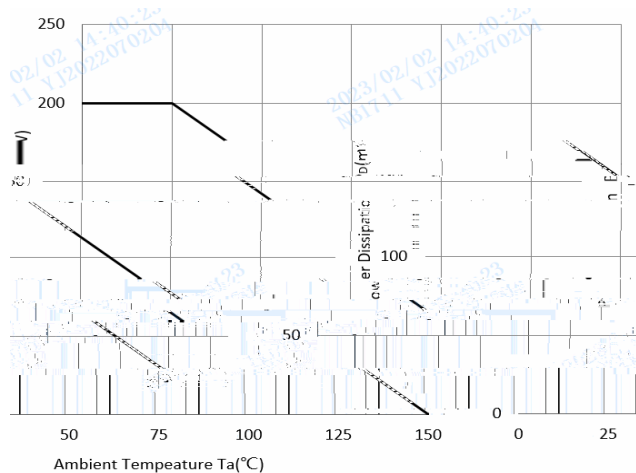


BC846DS

RoHS
COMPLIANT



Fig 7 $P_D - T_a$ Curve





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