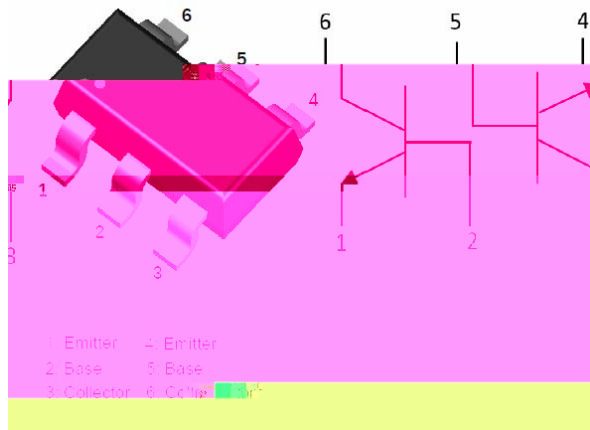




Dual NPN Small Signal Trans



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	°C		-55 to +150
Storage temperature	T_{STG}	°C		-55 to +150

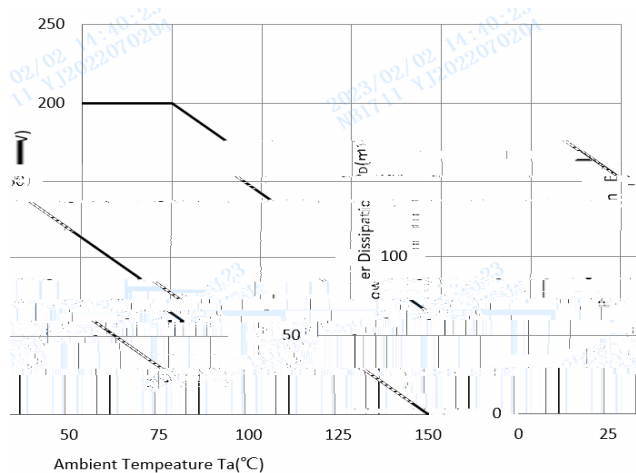


BC846DS

RoHS
COMPLIANT



Fig 7 $P_D - T_a$ Curve





BC846DS

RoHS
COMPLIANT



Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function, or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.