



# THE DATASHEET OF BC846A-TP





Micro Commercial Components



Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

BC846A
THRU
BC849C

NPN
Plastic-Encapsulate
Transistors

Features

- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
Power Dissipation: 0.225W (Tamb=25°C)(Note 1)
Collector Current: 0.1A
Epoxy meets UL 94 V-0 flammability rating
Moisure Sensitivity Level 1
Halogen free available upon request by adding suffix "-HF"

Maximum Ratings

- Operating temperature : -55°C to +150°C
Storage temperature : -55°C to +150°C

DEVICE MARKING

BC846A=1A,46A; BC846B=1B,46B;
BC847A=1E,47A; BC847B=1F,47B; BC847C=1G,47C;
BC848A=1J,48A; BC848B=1K,48B; BC848C=1L,48C
BC849B=49B; BC849C=49C;

Electrical Characteristics @ 25°C Unless Otherwise Specified

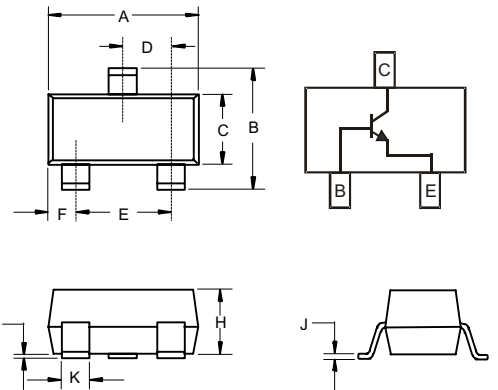
Table with 5 columns: Symbol, Parameter, Min, Max, Units

OFF CHARACTERISTICS

Table with 5 columns: Symbol, Parameter, Min, Max, Units. Contains various electrical characteristics like V(BR)CBO, V(BR)CEO, V(BR)EBO, ICBO, ICEO, IEBO, HFE(1), VCE(sat), VBE(sat), fT.

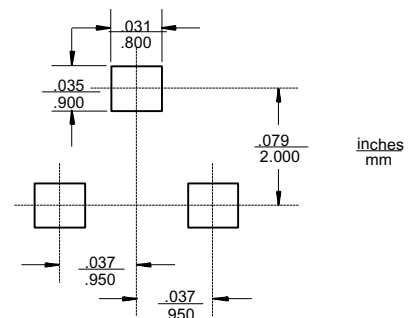
Note 1: Transistor mounted on an FR4 printed-circuit board

SOT-23

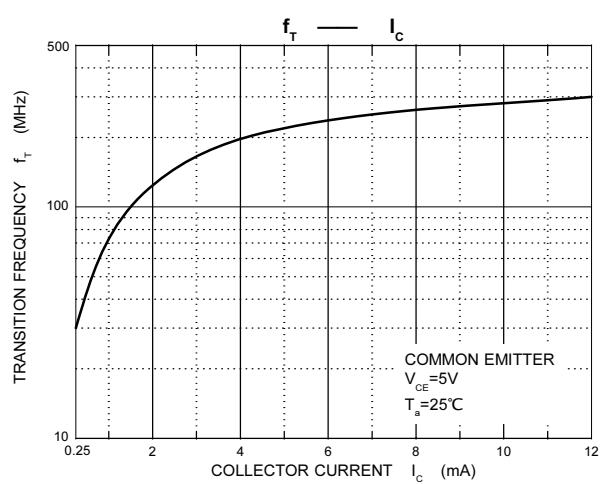
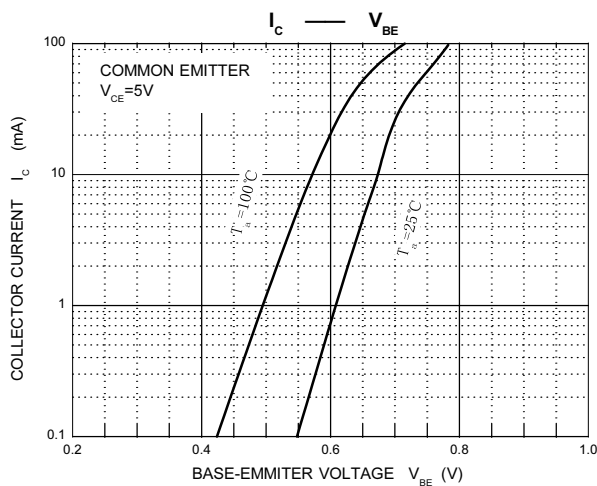
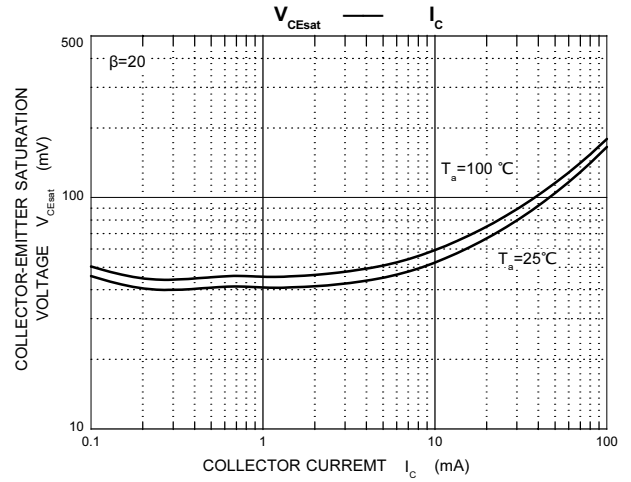
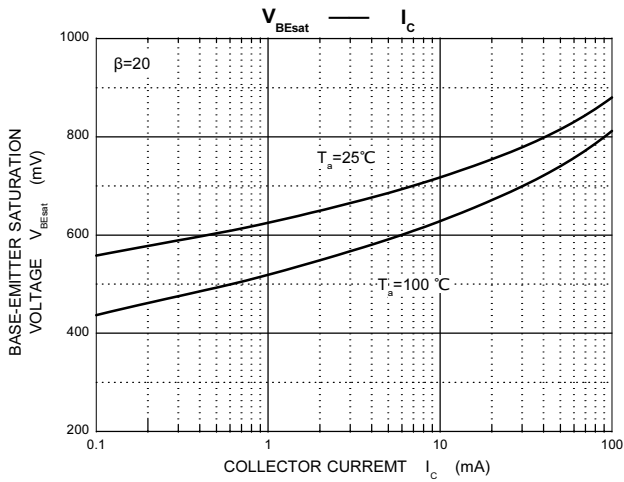
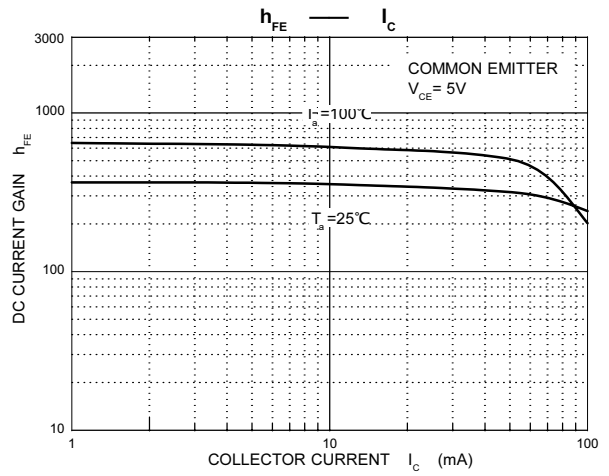
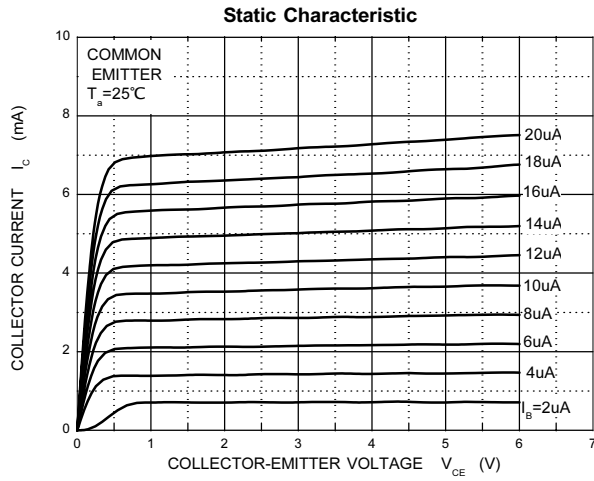


DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Lists dimensions A through K.

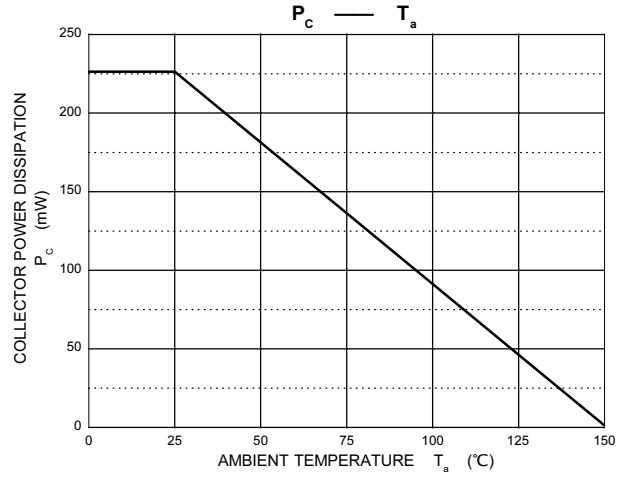
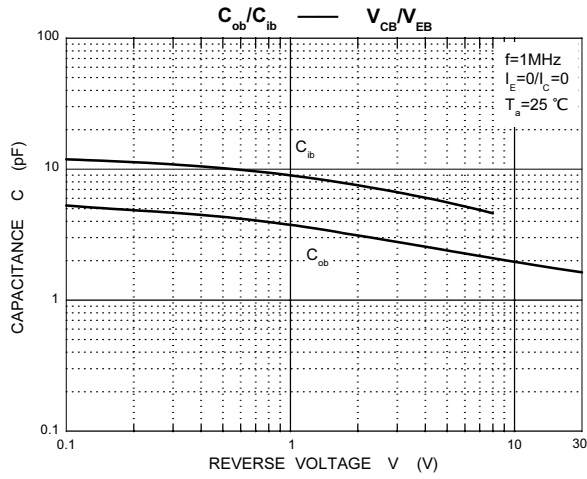
Suggested Solder Pad Layout



# BC846A thru BC849C



# BC846A thru BC849C





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### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel; 3Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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