

# BC847CPN

## DUAL GENERAL PURPOSE TRANSISTORS

NPN/PNP Duals (Complimentary)

These transistors are designed for general purpose amplifier applications. They are housed in the SOT-363 which is designed for low power surface mount applications.

### FEATURES

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### MECHANICAL DATA

Case: SOT-363

Terminals : Solderable per MIL-STD-750,Method 2026

Approx Weight: 0.006 grams

Marking : 4C7

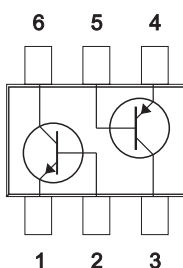


Fig.55

SOT-363

Unit: inch ( mm )

### MAXIMUM RATINGS-NPN

Rating	Symbol	Value	Unit
Collector-Emitter Voltage	$V_{CEO}$	45	V
Collector-Base Voltage	$V_{CBO}$	50	V
Emitter-Base Voltage	$V_{EBO}$	6.0	V
Collector Current-Continuous	$I_C$	100	mAdc

### MAXIMUM RATINGS-PNP

Rating	Symbol	Value	Unit
Collector-Emitter Voltage	$V_{CEO}$	-45	V
Collector-Base Voltage	$V_{CBO}$	-50	V
Emitter-Base Voltage	$V_{EBO}$	-5.0	V
Collector Current-Continuous	$I_C$	-100	mAdc

Maximum ratings are those values beyond which device damage can occur. Maximum ratings applied to the device are individual stress limit values (not normal operating conditions) and are not valid simultaneously. If these limits are exceeded, device functional operation is not implied, damage may occur and reliability may be affected.