



SSB303

Preliminary

ZCB snubber

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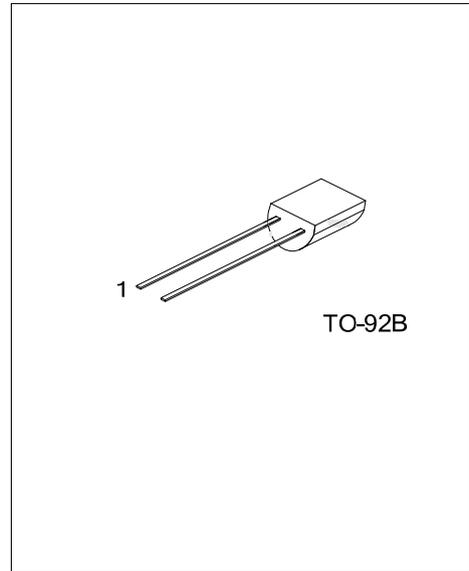
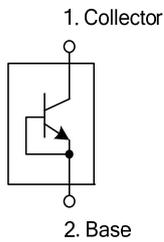
DESCRIPTION

The UTC **SSB303** is a ZCB snubbers.

FEATURES

- * Collector-base voltage: $V_{(BR)CB}=800V$
- * Collector current: $I_C=2A$

SYMBOL



ORDERING INFORMATION

Ordering Number		Package	Pin Assignment		Packing
Lead Free	Halogen Free		1	2	
SSB303L-T9B-B	SSB303G-T9B-B	TO-92B	C	B	Tape Box
SSB303L-T9B-K	SSB303G-T9B-K	TO-92B	C	B	Bulk

Note: Pin assignment: C: Collector B: Base

<p>SSB303L-T9B-B</p> <p>(1)Packing Type</p> <p>(2)Package Type</p> <p>(3)Lead Free</p>	<p>(1) B: Tape Box, K: Bulk</p> <p>(2) T9B: TO-92B</p> <p>(3) L: Lead Free, G: Halogen Free</p>
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■ ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	RATINGS	UNIT
Breakdown Voltage	V_{CB}	800	V
Collector Current	I_C	2	A
Peak Forward Surge Current (8.3ms Single Half)	I_{FSM}	4	A
Collector Power Dissipation	P_C	750	mW
Junction Temperature	T_J	+150	°C
Storage Temperature	T_{STG}	-55 ~ +150	°C

Note: Absolute maximum ratings are those values beyond which the device could be permanently damaged.
 Absolute maximum ratings are stress ratings only and functional device operation is not implied.

■ ELECTRICAL CHARACTERISTICS ($T_A=25^\circ\text{C}$, unless otherwise specified)

PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNIT
Breakdown Voltage	V_{CB}		800			V
		$I_C=1\text{A}$		0.8		V
		$I_C=2\text{A}$		0.9	2.0	V
Reverse Current	I_{CB}	$C_B=800\text{V}$			1	μA

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