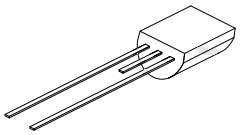
ZCB snubber



TO-92B

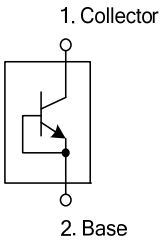
■ DESCRIPTION

The UTC **SSB302** is a ZCB snubbers.

■ FEATURES

* Collector-base voltage: $V_{(BR)CB}$=700V
* Collector current: I_C=1.5A

■ SYMBOL



■ ORDERING INFORMATION

Ordering Number		Package	Pin Assignment		Packing
Lead Free	Halogen Free		1	2	
SSB302L-T9B-B	SSB302G-T9B-B	TO-92B	C	B	Tape Box
SSB302L-T9B-K	SSB302G-T9B-K	TO-92B	C	B	Bulk

Note: Pin assignment: C: Collector B: Base

SSB302G-T9B-B

(1)Packing Type

(2)Package Type

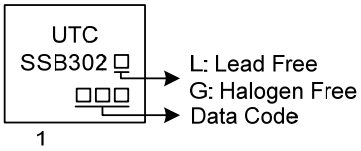
(3)Green Package

(1) B: Tape Box, K: Bulk

(2) T9B: TO-92B

(3) G: Halogen Free and Lead Free, L: Lead Free

■ MARKING



■ ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	RATINGS	UNIT
Breakdown Voltage	V_{CB}	700	V
Collector Current	I_C	1.5	A
Peak Forward Surge Current (8.3ms Single Half)	I_{FSM}	3	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°C, unless otherwise specified)

PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNIT
Breakdown Voltage	V_{CB}	I_C=100μA	700			V
Forward Voltage	V_F	I_C=0.5A		0.8		V
		I_C=1A		0.9		V
		I_C=1.5A		1.1	2.0	V
Reverse Current	I_{CB}	V_{CB}=700V			1	μA