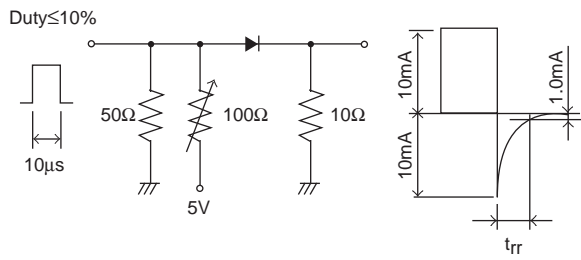


Electrical Characteristics at Ta=25°C

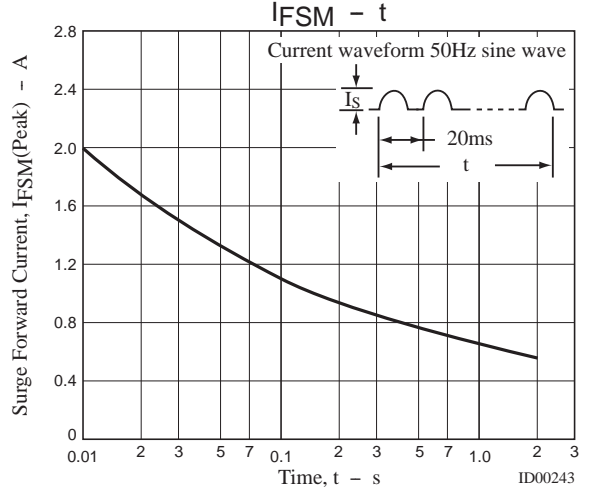
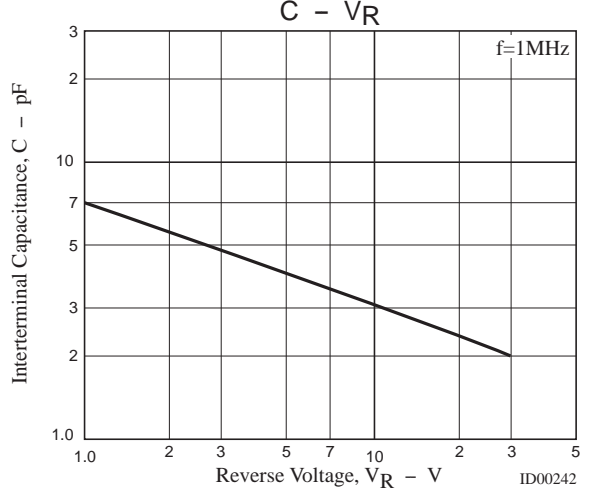
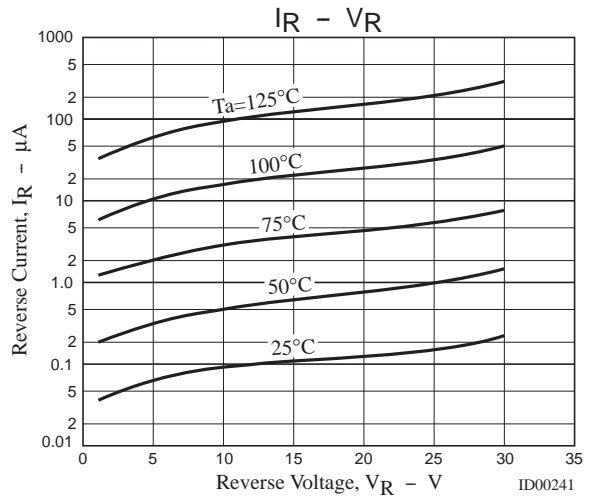
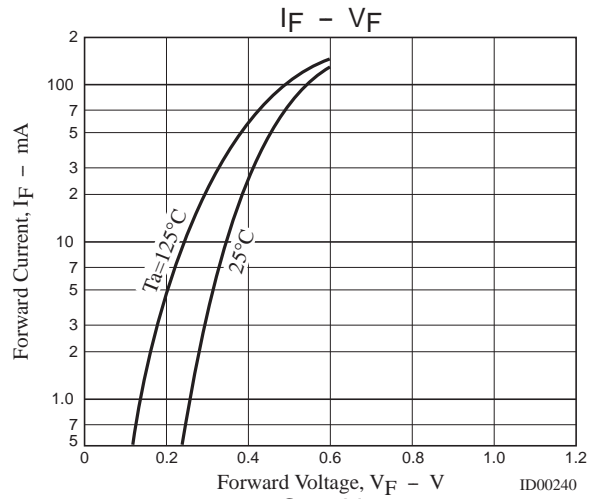
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	$V_R$	$I_R=20\mu A$ , $T_J=25^\circ C$	30			V
Forward Voltage	$V_F$	$I_F=70mA$ , $T_J=25^\circ C$			0.55	V
Reverse Current	$I_R$	$V_R=15V$ , $T_J=25^\circ C$			5	$\mu A$
Interterminal Capacitance	C	$V_R=10V$ , f-1MHz		3.0		pF
Reverse Recovery Time	$t_{rr}$	$I_F=I_R=10mA$ , $T_J=25^\circ C$ , See specified Test Circuit.			10	ns
Thermal Resistance	$R_{th(j-a)1}$			620		$^\circ C / W$
	$R_{th(j-a)2}$	Mounted in Cu-foiled area of $16mm^2 \times 0.2mm$ on glass epoxy board		430		$^\circ C / W$

$t_{rr}$  Test Circuit



Ordering Information

Device	Package	Shipping	memo
SB007-03C-TB-E	CP	3,000pcs./reel	Pb Free



## Embossed Taping Specification

SB007-03C-TB-E

## 1. Packing Format

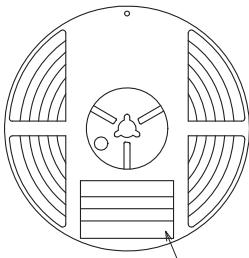
Package Name	Carrier Tape Type	Maximum Number of devices contained (pcs)			Packing format	
		Reel	Inner box	Outer box	Inner BOX (C-1)	Outer BOX (A-7)
CP	CP	3,000	15,000	90,000	5 reels contained Dimensions:mm (external) 183×72×185	6 inner boxes contained Dimensions:mm (external) 440×195×210

Reel label, Inner box label  
(unit:mm)

Outer box label

It is a label at the time of factory shipments.  
The form of a label may change in physical  
distribution process.

## Packing method



Reel label

Type No.  
LOT No.  
Quantity  
Origin

69	(P) TYPE 000000000	43
	(1) LOT 00	80
	(Q) QTY 0,000 (1) LEAD FREE *	
	(S) SPECIAL	
	*Z0722005310C*	
	ASSEMBLY:**** (DIFFUSION:****)	

108	TYPE CODE
	*000000000000*
	TYPE
	QTY 0,000 PCS (1) LEAD FREE *
	LOT
	PACKAGE
	SPECIAL
	*Z0722005310C*
	ASSEMBLY:**** (DIFFUSION:****)

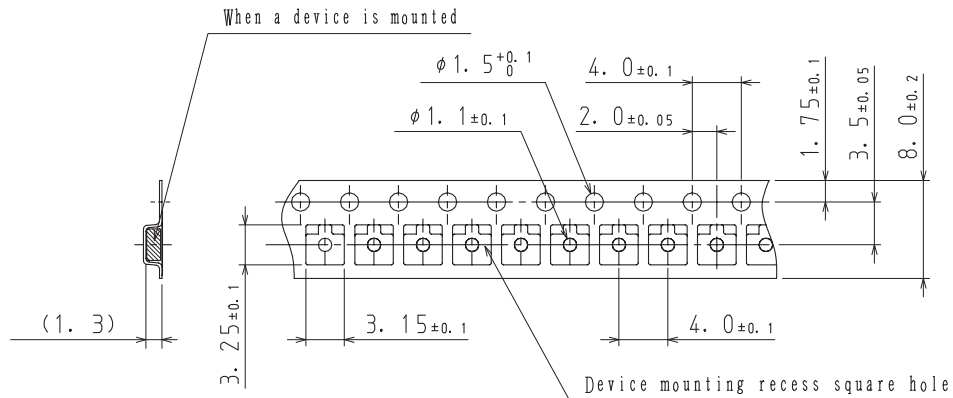
## NOTE (1)

The LEAD FREE \* description shows that the surface treatment of the terminal is lead free.

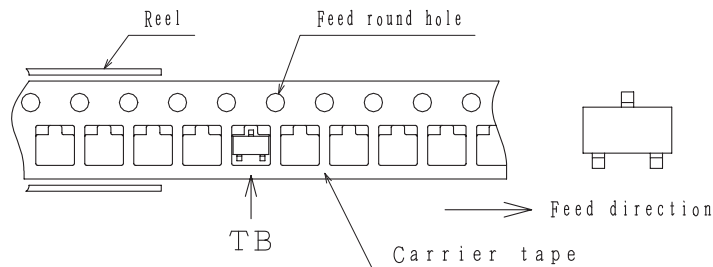
Label	JEITA Phase
LEAD FREE 3	JEITA Phase 3A
LEAD FREE 4	JEITA Phase 3

## 2. Taping configuration

## 2-1. Carrier tape size (unit:mm)

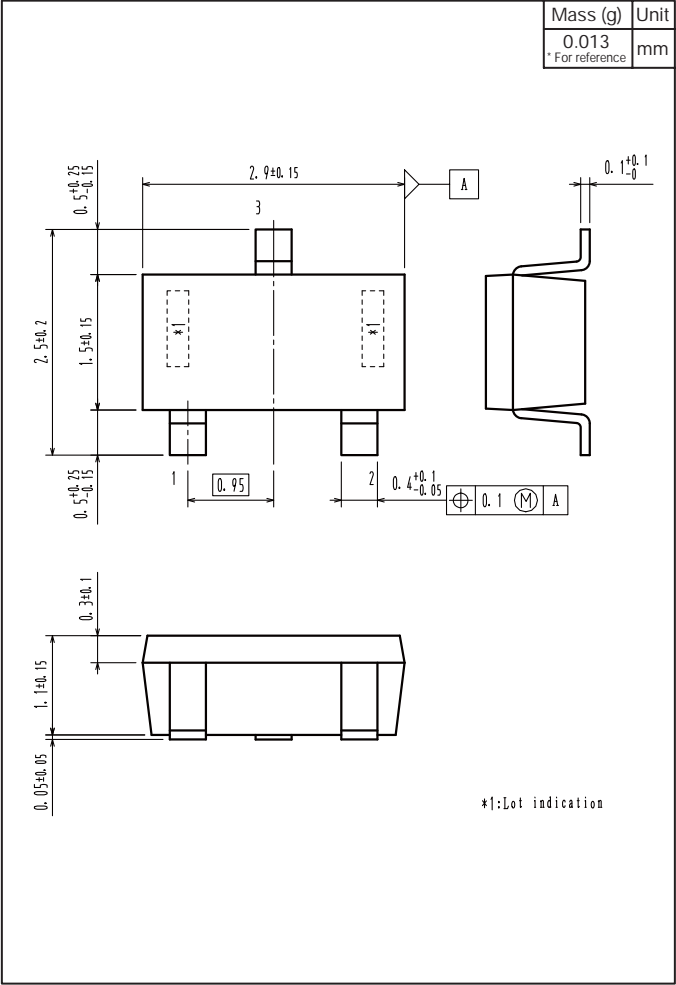


## 2-2. Device placement direction

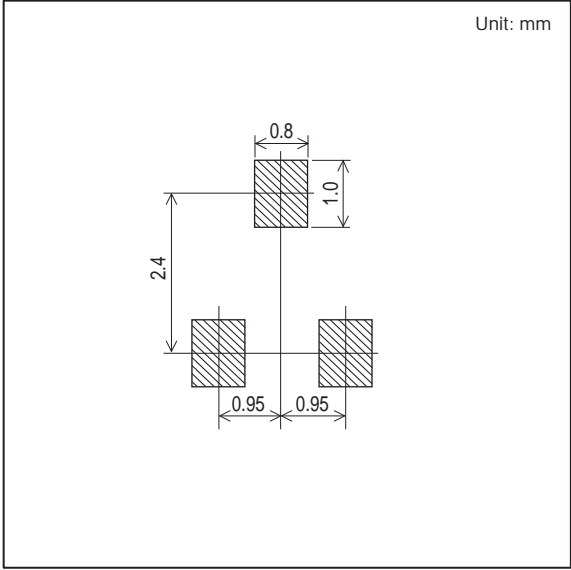


Those with one electrode terminal on the feed hole side.....TB

Outline Drawing  
SB007-03C-TB-E



Land Pattern Example



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