

# SB80W10T

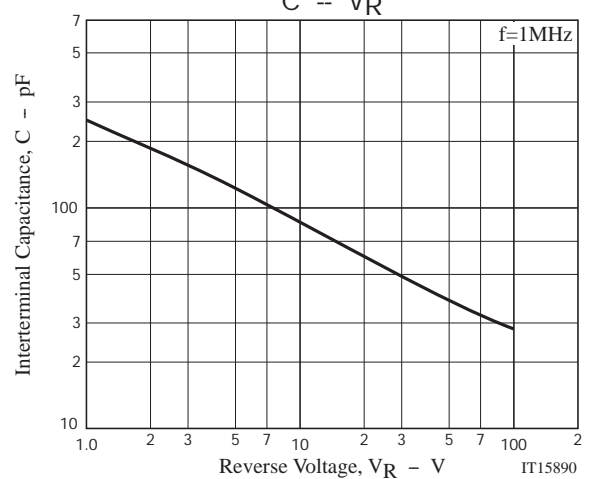
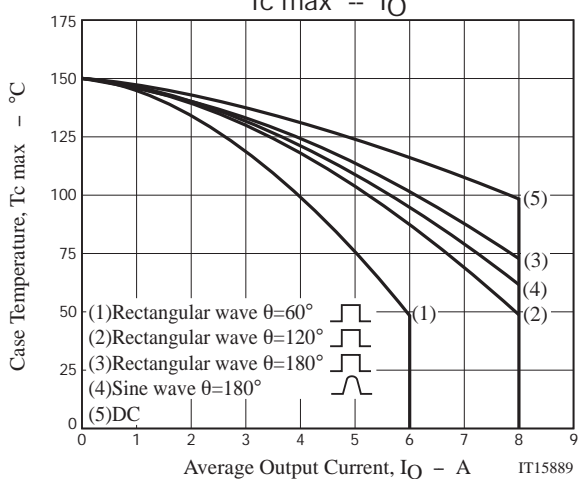
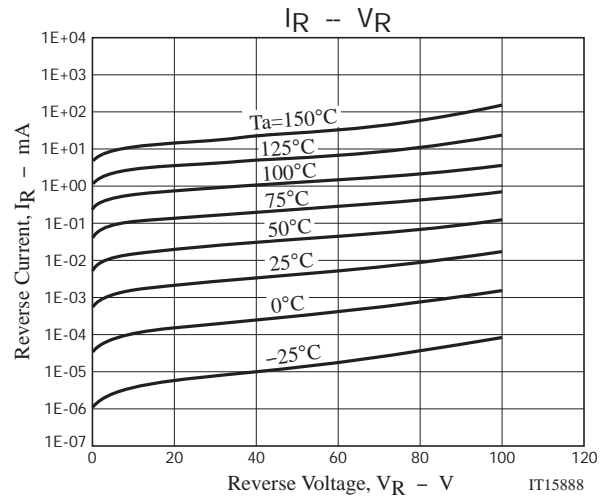
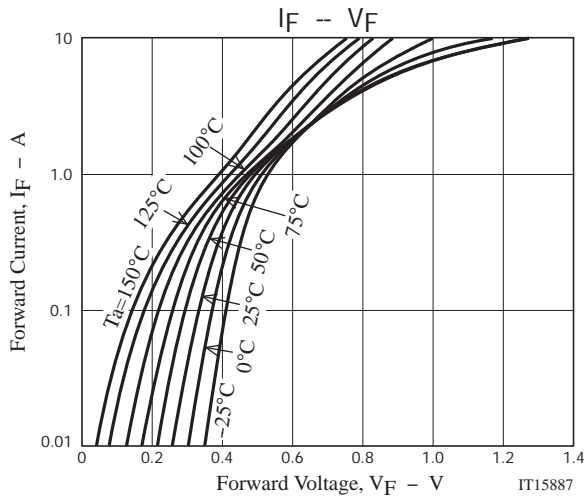
## Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	$V_R$	$I_R=1\text{mA}$ , $T_j=25^\circ\text{C}$ *2	100			V
Forward Voltage	$V_F$	$I_F=3.0\text{A}$ , $T_j=25^\circ\text{C}$ *2			0.8	V
Reverse Current	$I_R$	$V_R=50\text{V}$ , $T_j=25^\circ\text{C}$ *2			0.1	mA
Interterminal Capacitance	C	$V_R=10\text{V}$ , $T_j=25^\circ\text{C}$ *2		90		pF
Transient Thermal Resistance	$R_{th(j-c)}$	Junction-Case : Smoothed DC		6		$^\circ\text{C} / \text{W}$

Note) \*2. Value per element

## Ordering Information

Device	Package	Shipping	memo
SB80W10T-H	TP	500pcs./bag	Pb Free and Halogen Free
SB80W10T-TL-H	TP-FA	700pcs./reel	



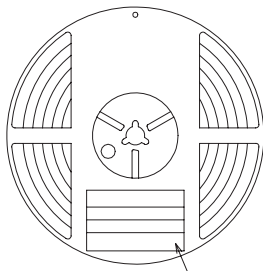
## Taping Specification

SB80W10T-TL-H

## 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)
TP-FA	TP	700	2,100	12,600	3 reels contained Dimensions:mm (external) 183×72×185	6 inner boxes contained Dimensions:mm (external) 440×195×210

## Packing method



Reel label

Type No.  
LOT No.  
Quantity  
Origin

Reel label, Inner box label  
(unit:mm)

(P) TYPE	000000000
(1) LOT	00
(Q) QTY	0,000 (1) LEAD FREE *
(Z) SPECIAL	*20722005310C*
ASSEMBLY	**** (DIFFUSION:****)

Outer box label

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

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

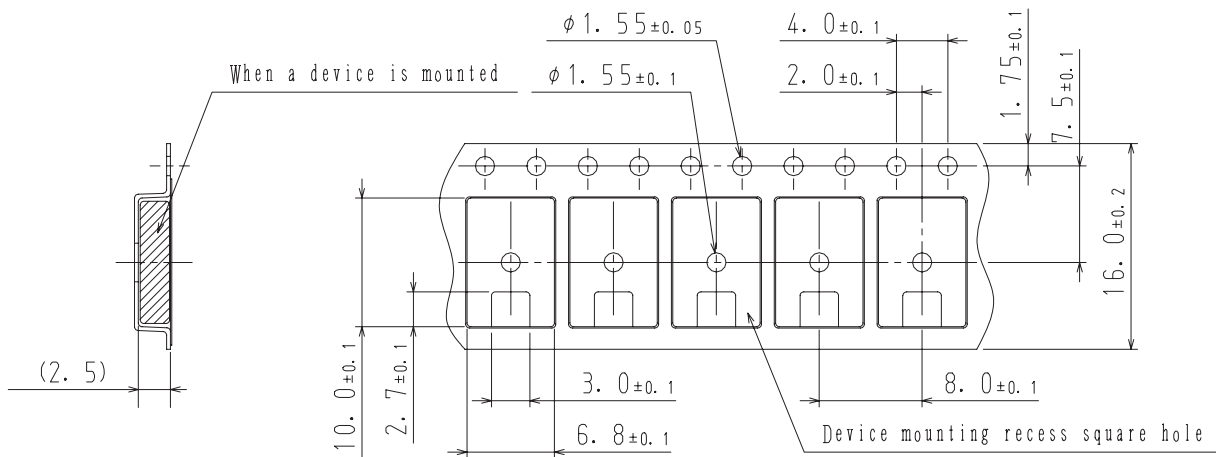
NOTE (1)

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

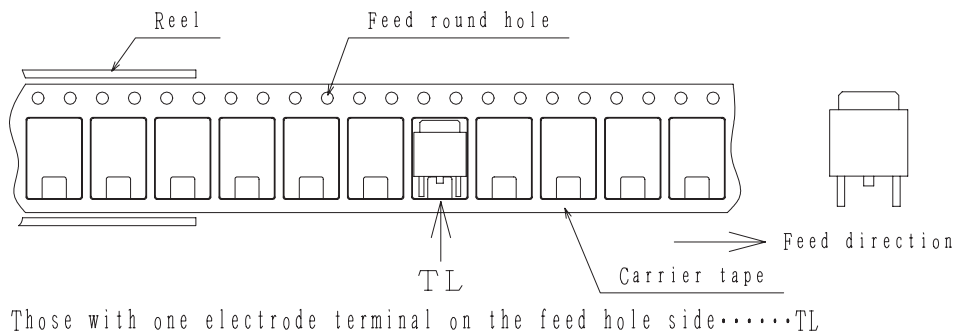
Label	JEITA Phase
LEAD FREE 3	JEITA Phase 3A
LEAD FREE 4	JEITA Phase 3

## Taping configuration

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



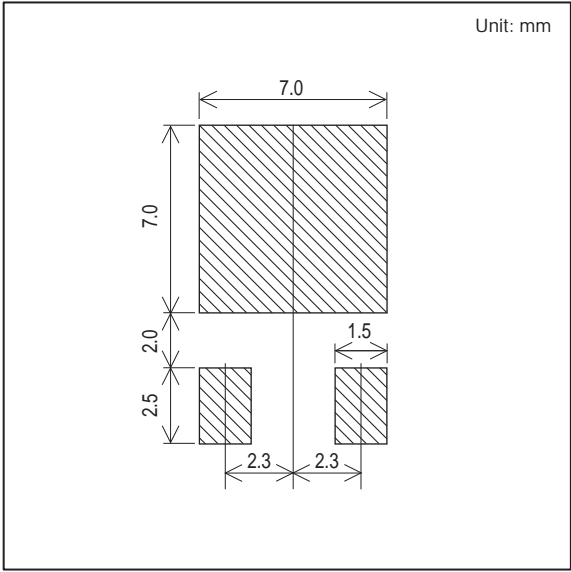
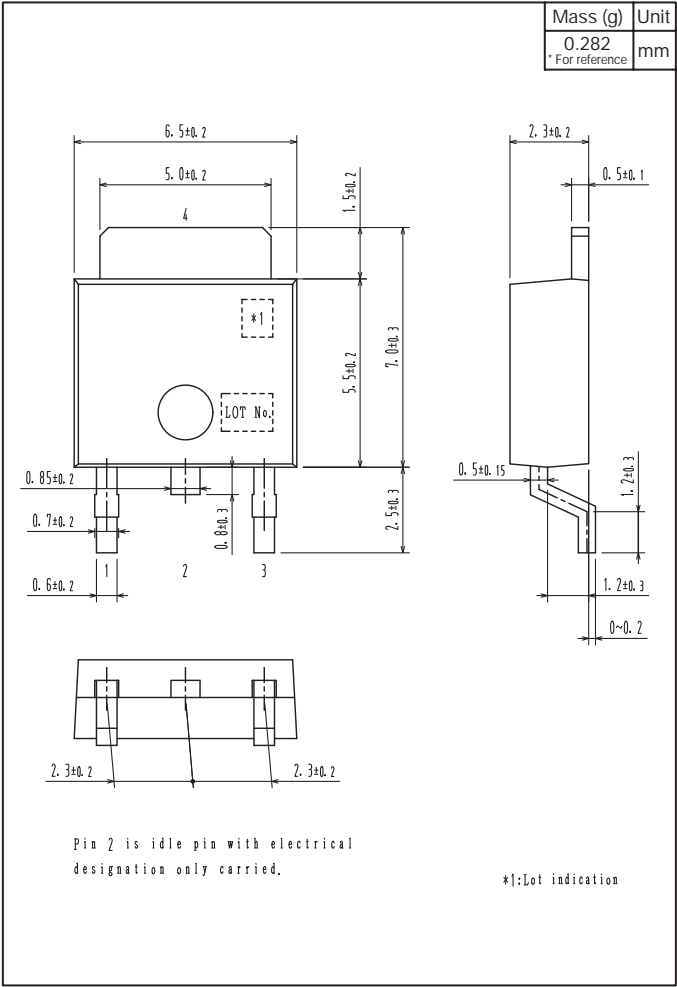
## 2. Device placement direction



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Outline Drawing  
SB80W10T-TL-H

Land Pattern Example



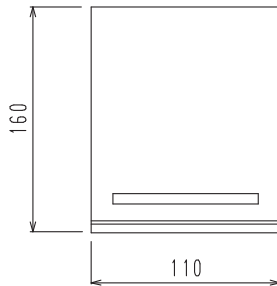
## Bag Packing Specification

### SB80W10T-H

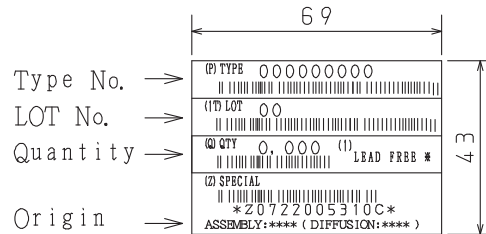
#### 1. Packing Format

Package Name	Maximum Number of devices contained (pcs)			
	Bag	Inner box	Outer box	
TP	500	B-1	A-1	A-2
		10, 000	50, 000	30, 000
		Packing format (Dimensions:mm (external))		
		Inner box	Outer box	
		B-1	A-1	A-2
		445×225×55	470×250×300	470×250×190

#### 2. Bag dimensions (unit:mm)



#### 3. Bag label, Inner box label (unit:mm)



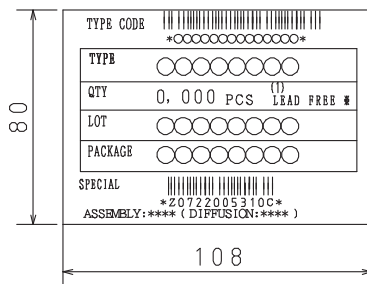
#### 4. Outer box label (unit:mm)

It is a label at the time of factory shipments.  
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distribution process,

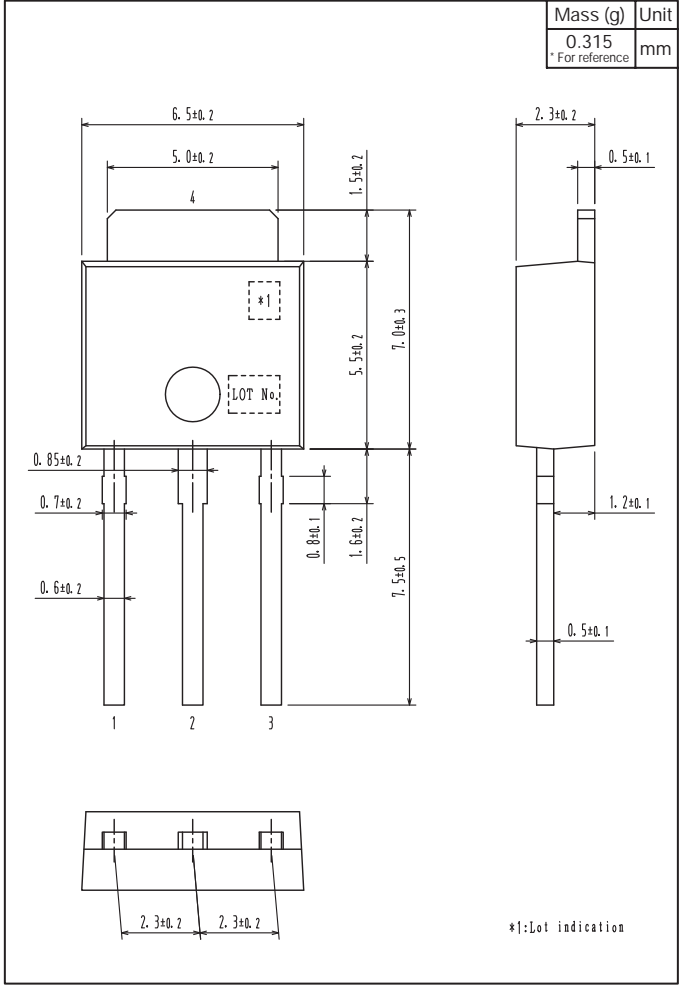
##### NOTE (1)

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



Outline Drawing  
SB80W10T-H



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