

SVC276

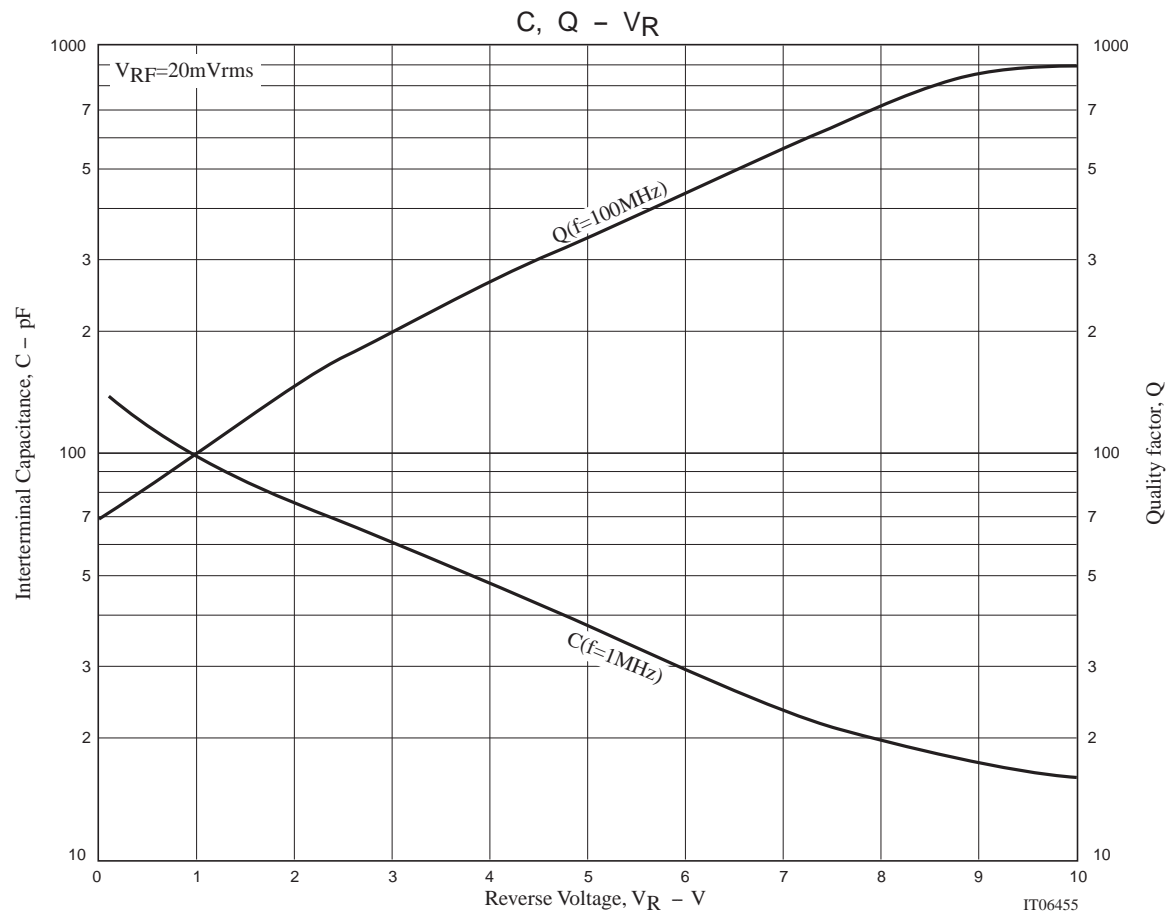
Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Breakdown Voltage	V(BR)R	I <sub>R</sub> =10μA	16			V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =10V			50	nA
Interterminal Capacitance*	C2.0V	V <sub>R</sub> =2.0V, f=1MHz	73.72		79.77	pF
	C6.0V	V <sub>R</sub> =6.0V, f=1MHz	25.50		33.61	pF
	C8.0V	V <sub>R</sub> =8.0V, f=1MHz	18.04		23.78	pF
Quality Factor	Q	V <sub>R</sub> =2.0V, f=100MHz	100			
Capacitance Ratio	C <sub>R</sub>	C2.0V / C8.0V	3.1			

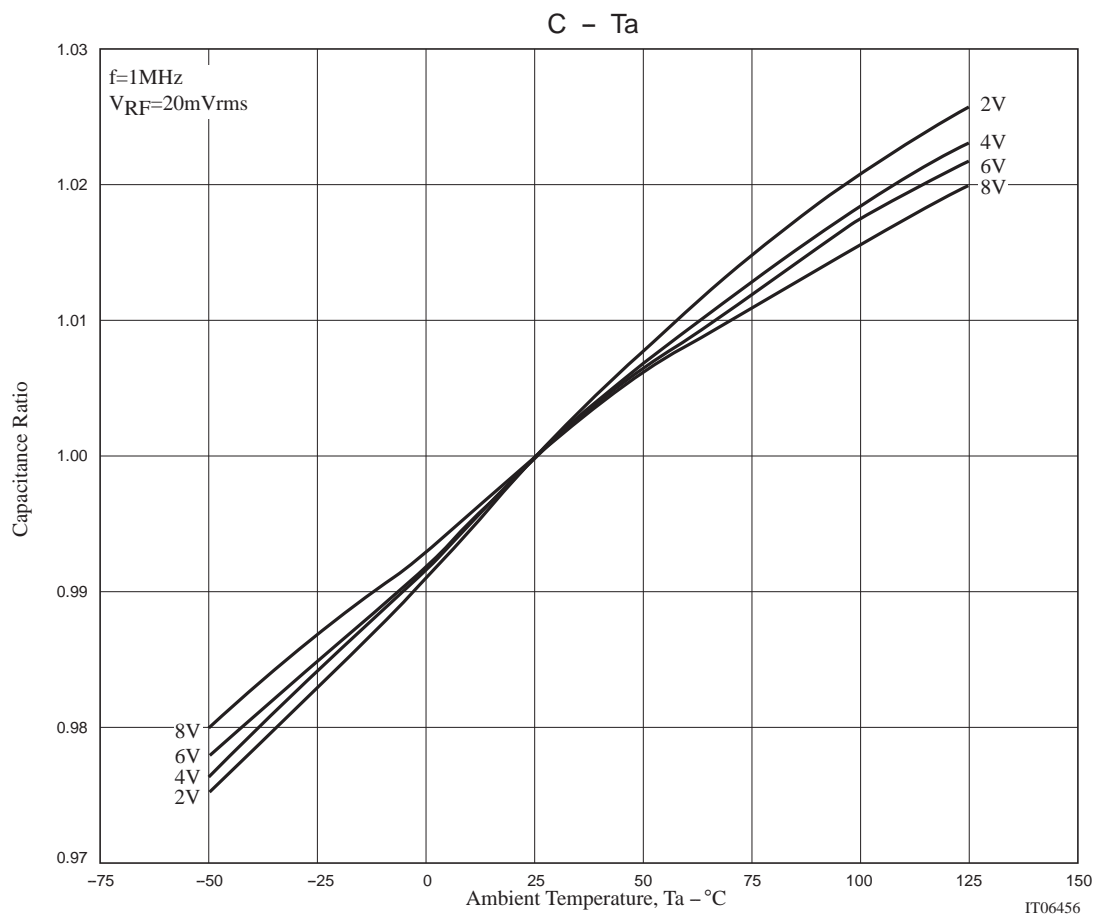
Note)\* : Capacitance value per each diode

Ordering Information

Device	Package	Shipping	memo
SVC276-TL-E	MCPH3	3,000pcs./reel	Pb Free



# SVC276



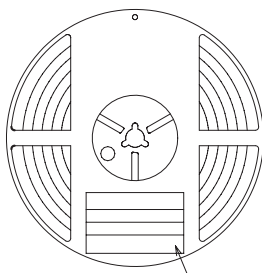
## Taping Specification

## SVC276-TL-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)
MCPH3	MCPH3	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

## 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	*Z0722005310C*
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	*Z0722005310C*
ASSEMBLY	***** (DIFFUSION:****)

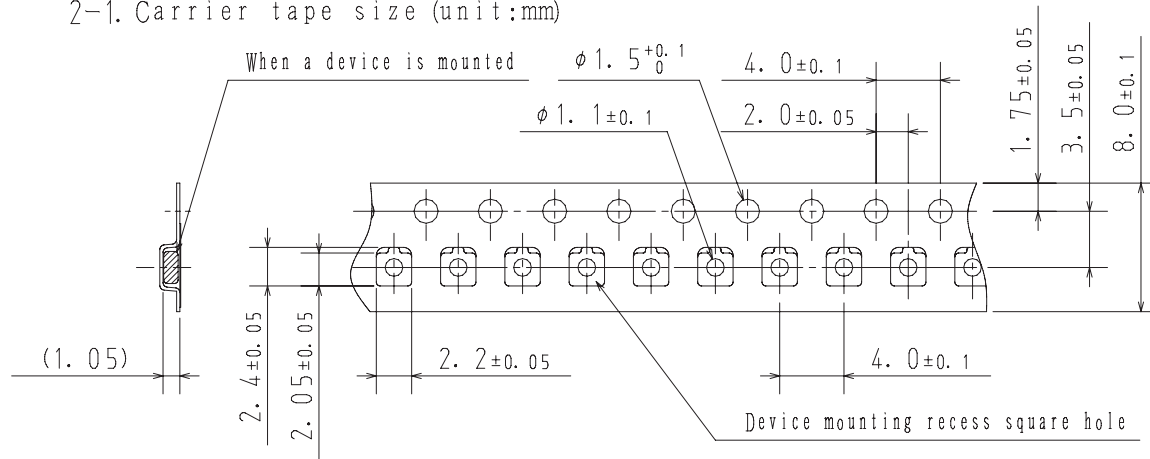
NOTE (1)

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

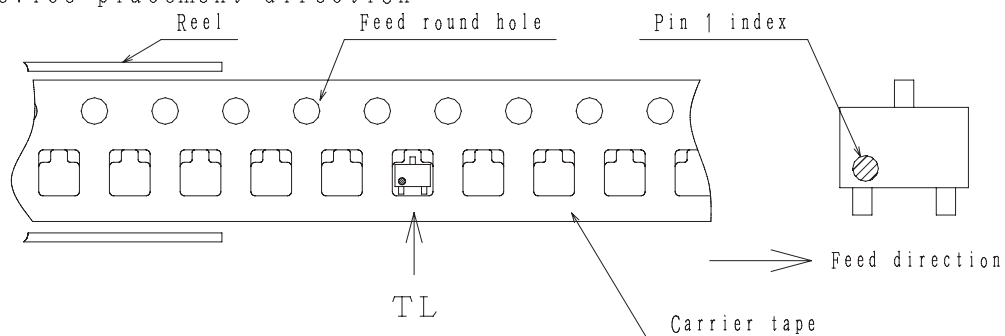
Label	JEITA Phase
LEAD FREE 3	JEITA Phase 3A
LEAD FREE 4	JEITA Phase 3

## 2. Taping configuration

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

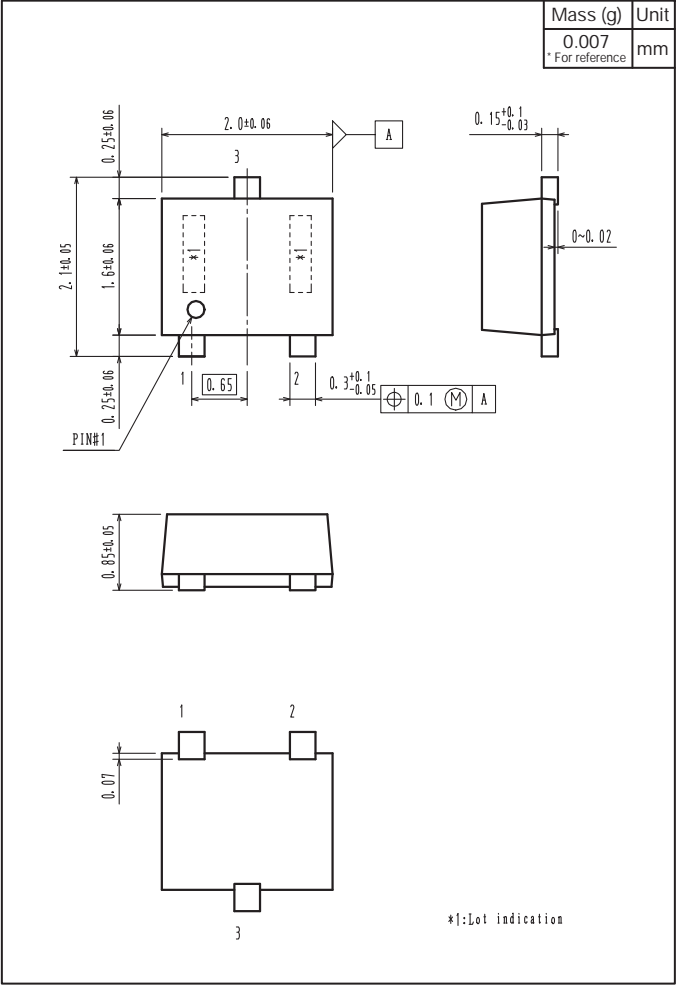


## 2-2. Device placement direction

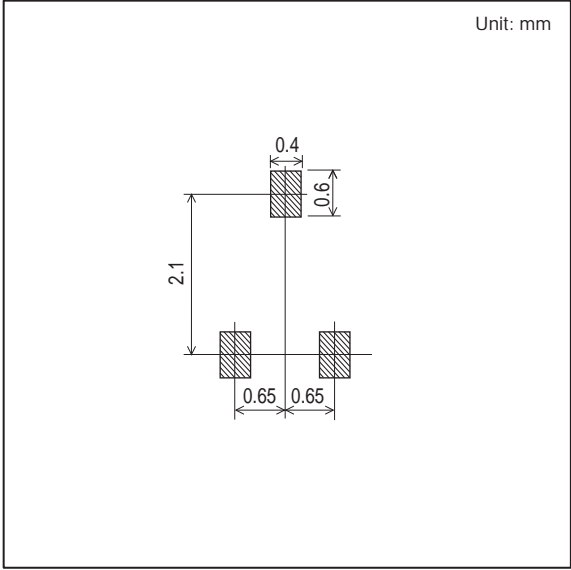


Those with pin 1 index on the feed hole side.....TL

Outline Drawing  
SVC276-TL-E



Land Pattern Example



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