

SVC272

Electrical Characteristics at Ta=25°C

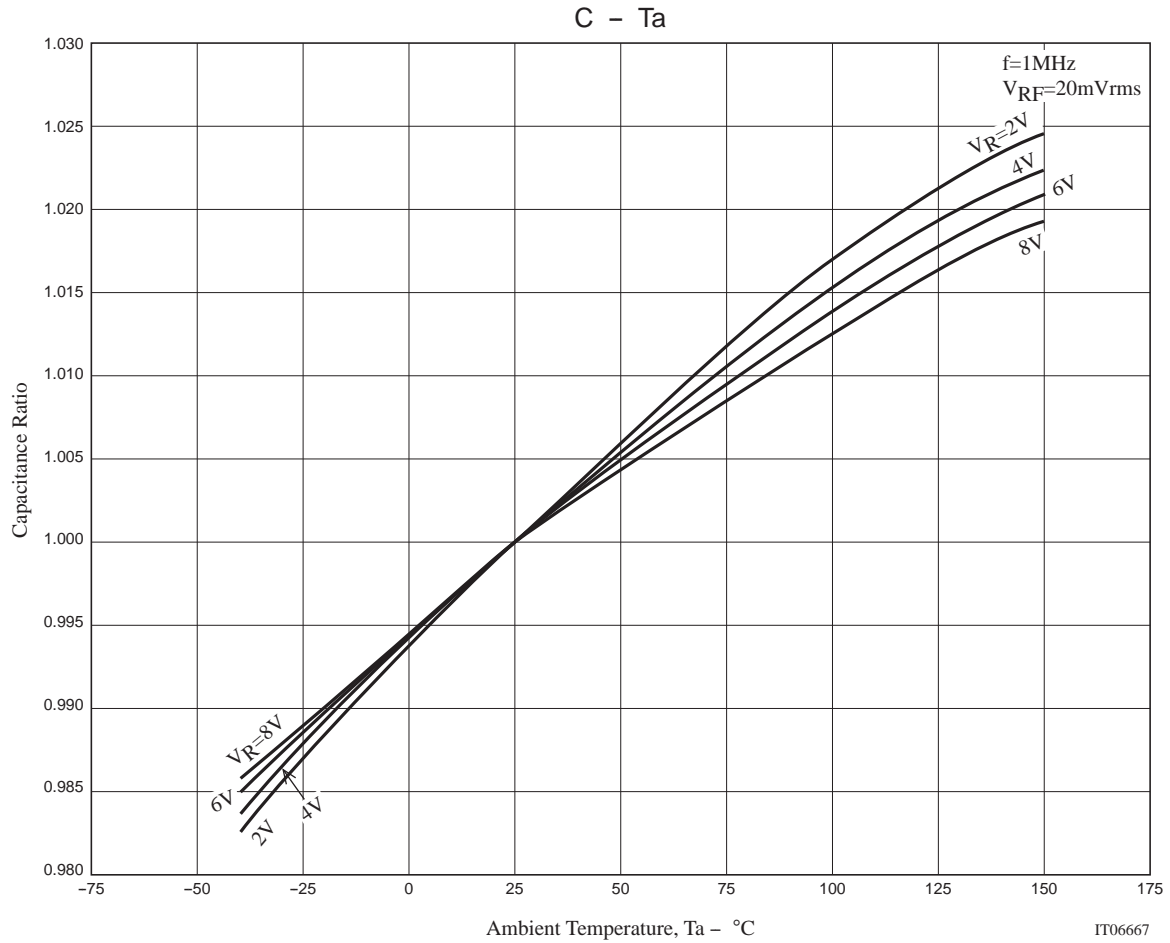
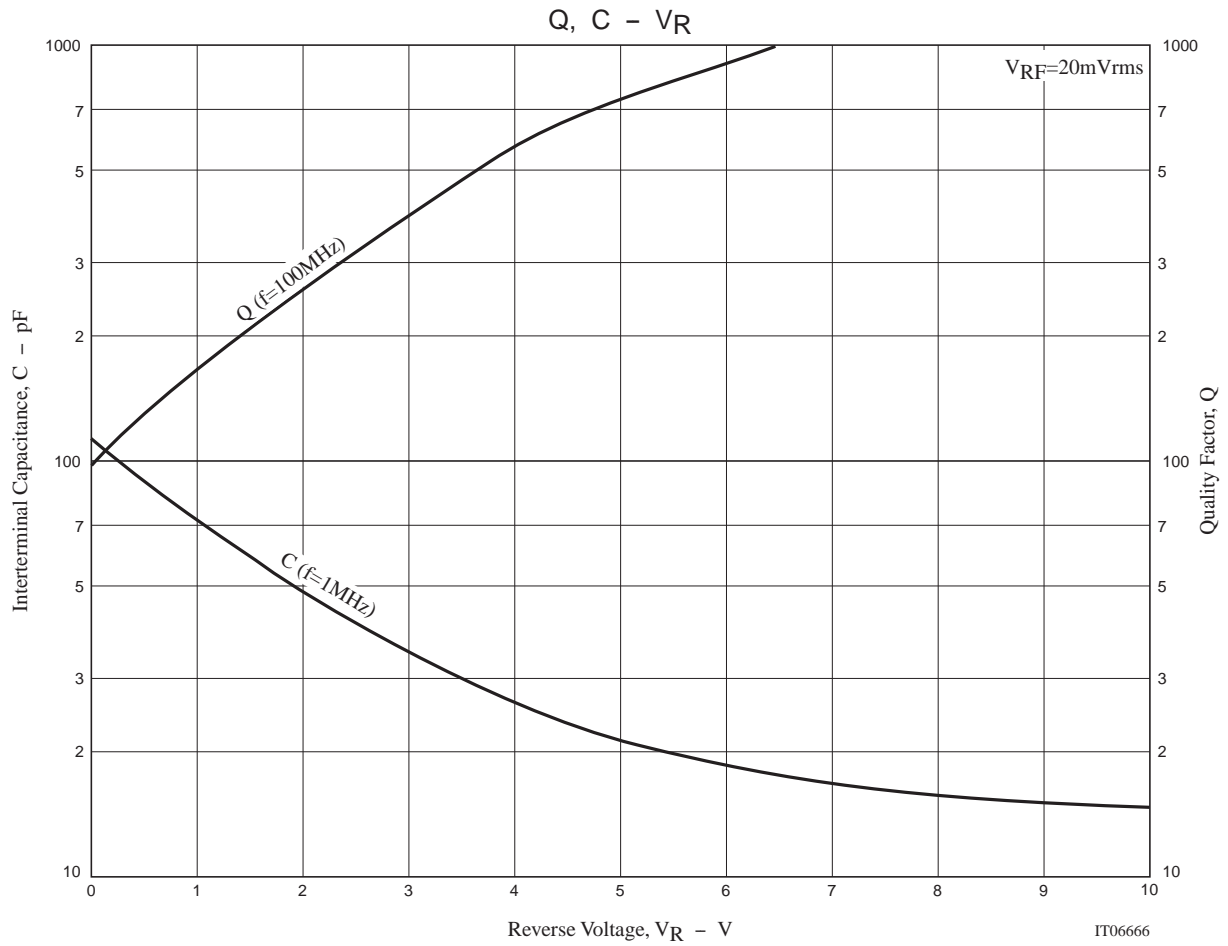
| Parameter | Symbol | Conditions | Ratings | | | Unit |
|----------------------------|----------------|---|---------|-----|-------|------|
| | | | min | typ | max | |
| Breakdown Voltage | V(BR)R | I _R =10μA | 14 | | | V |
| Reverse Current | I _R | V _R =10V | | | 50 | nA |
| Interterminal Capacitance* | C2.0V | V _R =2.0V, f=1MHz | 44.91 | | 49.82 | pF |
| | C8.0V | V _R =8.0V, f=1MHz | 14.07 | | 18.55 | pF |
| Quality Factor | Q | V _R =2.0V, f=100MHz | 150 | | | |
| Capacitance Ratio | C _R | C2.0V / C8.0V | 2.3 | | | |
| Matching Tolerance | ΔCm | V _R =2.0V, 8.0, f=1MHz (C max-C min) / C min×100 | | | 3.0 | % |

Note)* : Capacitance value per each diode.

Ordering Information

| Device | Package | Shipping | memo |
|-------------|---------|----------------|---------|
| SVC272-TL-E | MCPH3 | 3,000pcs./reel | Pb Free |

SVC272



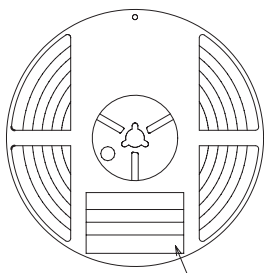
Taping Specification

SVC272-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



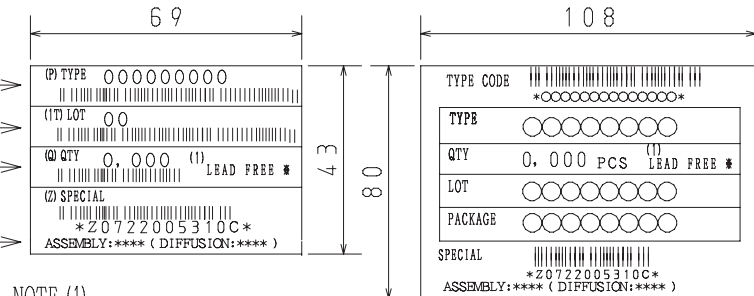
Reel label

Type No.
LOT No.
Quantity
Origin

Reel label, Inner box label
(unit:mm)

Outer box label

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



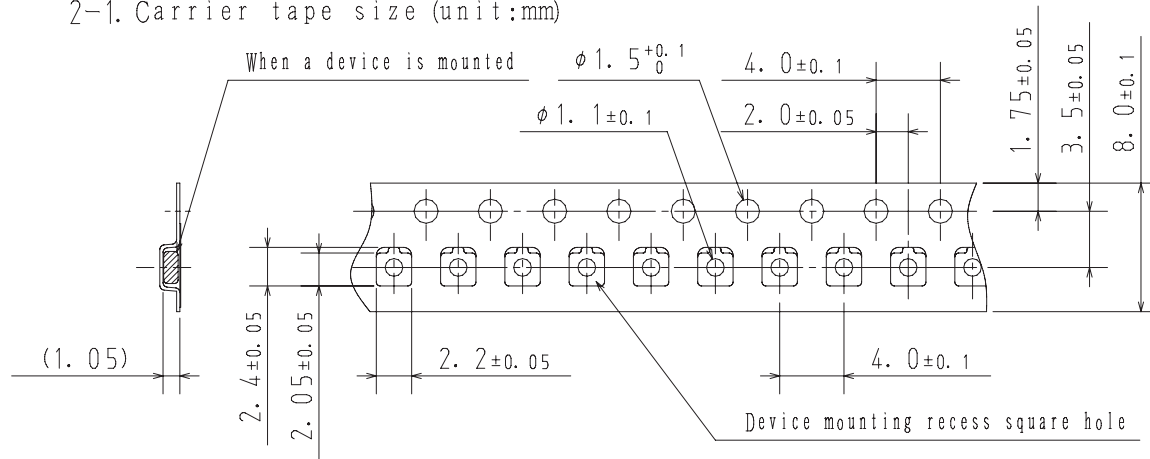
NOTE (1)

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

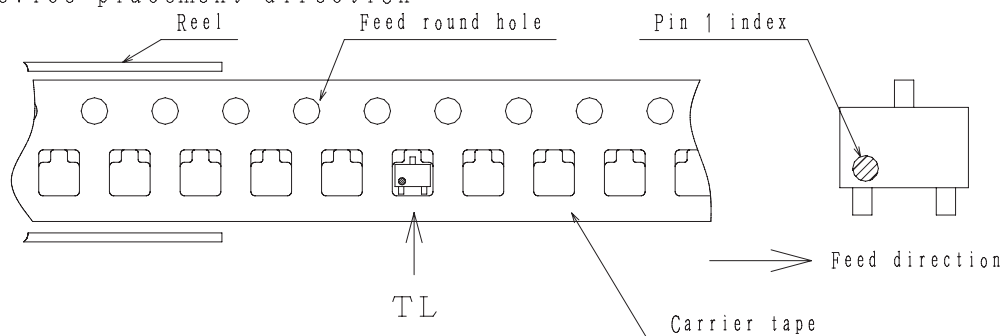
| Label | JEITA Phase |
|-------------|----------------|
| LEAD FREE 3 | JEITA Phase 3A |
| LEAD FREE 4 | JEITA Phase 3 |

2. Taping configuration

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

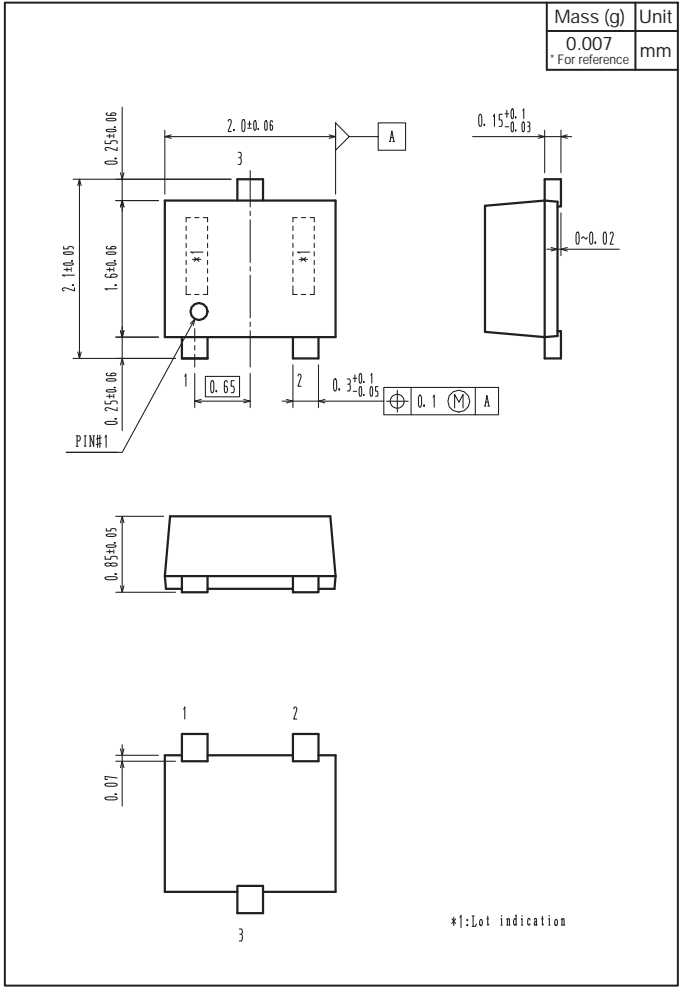


2-2. Device placement direction

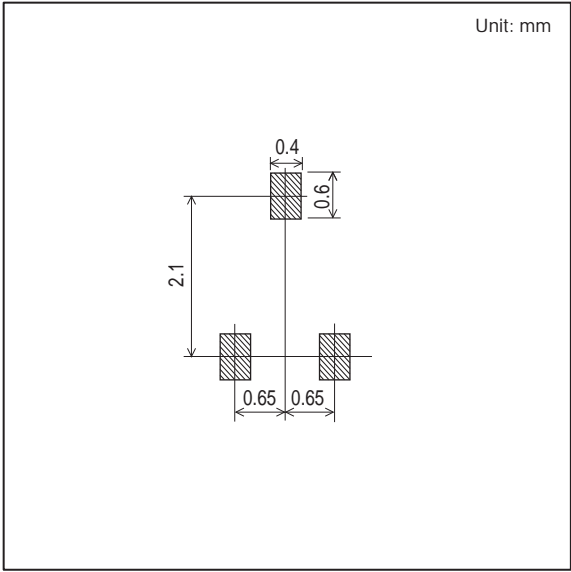


Those with pin 1 index on the feed hole side.....TL

Outline Drawing
SVC272-TL-E



Land Pattern Example



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