1. Components description (Only for reference / Unit : mm)

2. Taping dimensions (Unit : mm)

3. Tape and packing specification
   3-1. Direction of tape winding
       Cathode on sprocket hole side. The direction shall be one in a reel.

   3-2. Cumulative pitch tolerance
       The cumulative pitch tolerance of the mold for producing the carrier tape shall be within ±0.2mm per 10 pitches.

   3-3. The minimum radius to bend the carrier tape
       Carrier tape shall be flexible enough to protect from no component and damage under a minimum radius of 15mm. However it shall be defined only inside of carrier tape.

   3-4. The material of carrier tape
       Polystyrene

3-5. Failure Rate

<table>
<thead>
<tr>
<th>Incidence</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous missing</td>
<td>0%</td>
</tr>
<tr>
<td>Discontinuous missing</td>
<td>Max.0.1% / reel</td>
</tr>
</tbody>
</table>

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4. Reeling specification
4-1. Leading direction

![Diagram of leading direction]

4-2. Leader
Leader tape shall be separated into two parts—an adhesive tape at first part and carrier tape without products.

![Diagram of leader tape separation]

4-3. Trail
Trail tape shall remain with no product and trail tape shall not be stuck directly on a reel.

![Diagram of trail tape]

5. Treatment for end of tape
The end of leader tape shall be fixed with the white adhesive tape.

![Diagram of end treatment]
6. Quantity  
1,500 pcs / reel

7. Reel dimensions (Unit : mm)

8. Marking  
Each reel shall be legibly marked with the following items.

9. Type  
Product code of taping shall be composed as indicated below.

Ex:  
1SR154-400  
Type code  
TE25  
Taping code

Ex:  
PTZ  
Type code  
TE25  
Taping code  
3.6B  
Small classification of zener volt
10. Taping Peeling Strength
Peeling strength : 0.1N ~ 1.3N (If products have stored over our recommended storage condition.)

【Test condition (Based on JIS C 0806-3 4.7)】
Pull direction at angle from 165° to 180° and pull the seal tape with the speed of 300mm/min ± 10mm/min.

11. Recommended storage condition
Recommended storage condition:
Temperature 5°C - 40°C, Humidity 30%RH - 80%RH
Recommended storage time period:
- Dipped SMD products (Sn3Ag0.5Cu): One year after production
- Plated SMD products (Sn2Cu or Sn100%): Five years after production
Notes: It is strongly recommended to confirm solderability before using products of which storage time is exceeding recommended storage time period.

12. Package

Attached position of packing slip
Max. 3 reel
(Max. 1.5kpcs × 3 reel = 4.5kpcs)
(Max. 4.5kpcs × 4 box = 18kpcs)

Attached position of packing slip

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**Notice**

**Notes**

1) The information contained herein is subject to change without notice.

2) Before you use our Products, please contact our sales representative and verify the latest specifications.

3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors. Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by ROHM.

4) Examples of application circuits, circuit constants and any other information contained herein are provided only to illustrate the standard usage and operations of the Products. The peripheral conditions must be taken into account when designing circuits for mass production.

5) The technical information specified herein is intended only to show the typical functions of and examples of application circuits for the Products. ROHM does not grant you, explicitly or implicitly, any license to use or exercise intellectual property or other rights held by ROHM or any other parties. ROHM shall have no responsibility whatsoever for any dispute arising out of the use of such technical information.

6) The Products are intended for use in general electronic equipment (i.e. AV/OA devices, communication, consumer systems, gaming/entertainment sets) as well as the applications indicated in this document.

7) The Products specified in this document are not designed to be radiation tolerant.

8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative: transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.

9) Do not use our Products in applications requiring extremely high reliability, such as aerospace equipment, nuclear power control systems, and submarine repeaters.

10) ROHM shall have no responsibility for any damages or injury arising from non-compliance with the recommended usage conditions and specifications contained herein.

11) ROHM has used reasonable care to ensure the accuracy of the information contained in this document. However, ROHM does not warrants that such information is error-free, and ROHM shall have no responsibility for any damages arising from any inaccuracy or misprint of such information.

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13) When providing our Products and technologies contained in this document to other countries, you must abide by the procedures and provisions stipulated in all applicable export laws and regulations, including without limitation the US Export Administration Regulations and the Foreign Exchange and Foreign Trade Act.

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