1. Components description (Only for reference)

2. Taping dimensions

3. Tape and packing specification
3-1. Direction of tape winding
  Connection (3) comes to feeding 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 30mm. However it shall be defined only inside of carrier tape.

3-4. The material of carrier tape
  Special carbon paints are coated both sides of polystyrene.

3-5. Failure Rate

<table>
<thead>
<tr>
<th>Type</th>
<th>Incidence</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous missing</td>
<td>0%</td>
<td>Except leader and trail portion</td>
</tr>
<tr>
<td>Discontinuous missing</td>
<td>Max.0.1%/reel</td>
<td></td>
</tr>
</tbody>
</table>
4. Reeling specification

4-1. Leading direction

4-2. Leader

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

4-3. Trail

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

5. Treatment for end of tape

The end of leader tape shall be fixed with the white adhesive tape.
6. Quantity

8,000 pcs / reel

7. Reel dimensions

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. 2SAR523V1 □ T2L O ① Type code
     RV1C001ZP □ T2L ① Symbol of additional ability
          ③ Taping code
          ④ hFE rank
10. Taping Peeling Strength
Peeling strength: 0.1N~1.0N (If products have been stored over our recommended storage condition.)

【Test condition (Based on JIS C 0806-3)】
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:
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

Max. 5 reel
(Max. 8kpcs × 5 reel = 40kpcs)

Attached position of packing slip

(Max. 40kpcs × 4 box = 160kpcs)

Attached position of packing slip
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.
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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.
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