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></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>

Note) Feed holes might be cover with the adhesive tape, but nothing will affect for using by that.
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
3,000 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. 2SA2048 □ TL R
   □ □ □ □ □ □ □ □ □ □ □ □ □
   1 2 3 4
   Type code
   Symbol of additional ability

Ex. RSR015P03 □ TL
   □ □ □ □ □ □ □ □ □ □ □ □ □
   1 2 3
   Taping code
   hFE rank
10. Taping Peeling Strength

Peeling strength: 0.1N~1.0N (If products have 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:
• 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

Max.5reel
(Max.3kpcs × 5reel = 15kpcs)

Attached position of packing slip

(Max.15kpcs × 4box = 60kpcs)

Attached position of packing slip

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