Tape and Packing

<table>
<thead>
<tr>
<th>Product</th>
<th>Transistor / MOSFET</th>
<th>Package</th>
<th>SOT-363 (UMT6)</th>
<th>Type</th>
<th>TN</th>
</tr>
</thead>
</table>

1. Components description (Only for reference)

2. Taping dimensions

3. Tape and packing specification
   3-1. Direction of tape winding
       The components shall be placed into free position with the 1pin mark.

   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>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>

Note) Feed holes might be covered with the adhesive tape, but nothing will affect for using by that.
4. Reeling specification

4-1. Leading direction

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

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**

![Reel dimensions](image)

Unit: mm

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

![Marking](image)

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

Ex. UMZ1N □ □ TN  
① Type code  
② Symbol of additional ability  
③ Taping code
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:
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
Thank you for your accessing to ROHM product informations.
More detail product informations and catalogs are available, please contact us.

ROHM Customer Support System

http://www.rohm.com/contact/