1. Components description (Only for reference)

![Component diagram]

2. Taping dimensions

![Taping dimensions diagram]

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

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</td>
<td>Max 0.1%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>/ reel</td>
<td></td>
</tr>
</tbody>
</table>

Product | Transistor / MOSFET | Package | SOT-416 (EMT3) | Type | TL

www.rohm.com
©2016 ROHM Co., Ltd. All rights reserved
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

![Reel dimensions diagram]

8. Marking

Each reel shall be legibly marked with the following items.

- Type No.
- Lot No.
- Bar code
- This mark means Pb-free.
- Quantity
- The country of origin.
- Indication space for ROHM internal use
- This logo mark means Pb-free (Correspondence to RoHS)
- QR code (only for ROHM internal use)
- Inspector's stamp

9. Type

Product code of taping shall be composed as indicated below.

Ex. 2SA1774

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

- **1. Type code**
- **2. Symbol of additional ability**
- **3. Taping code**
- **4. 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℃ - 40℃, 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
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/