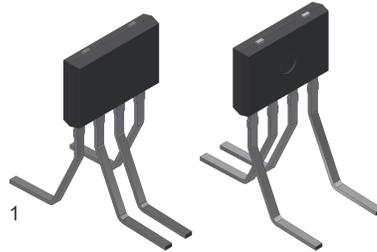
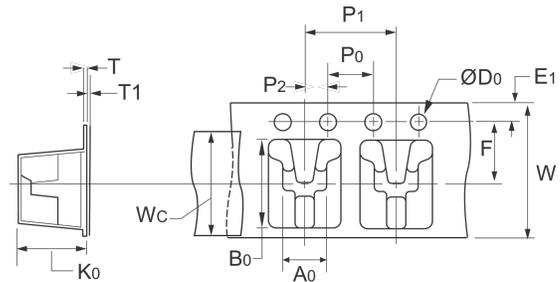
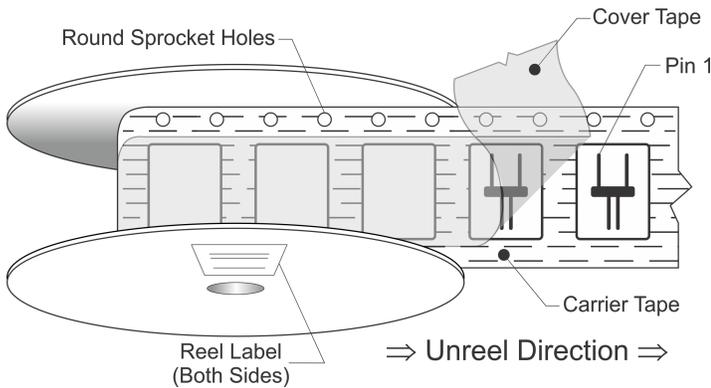


Packing Information

KT-4 Package, TX Suffix



Terminals: 4
Through hole pins
Customer Specific Leadform



Dimensions in mm, may vary with supplier

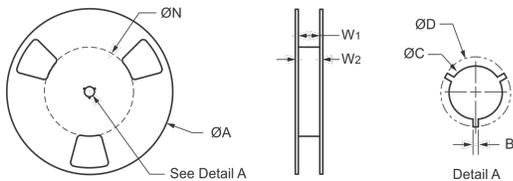
| Carrier Tape | | | Cover Tape |
|---------------------------|------------------------------|-----------------------|----------------------------------|
| W: 16.00 ±.3 | D ₀ : 1.50 +.1/-0 | A ₀ : 4.80 | W _c : 13.10 |
| E ₁ : 1.75 ±.1 | P ₀ : 4.00 ±.1 | B ₀ : 9.19 | T ₁ : 0.061 (0.1 MAX) |
| F: 7.50 ±.1 | P ₁ : 12.00 ±.1 | K ₀ : 9.50 | |
| T: 0.50 (0.6 MAX) | P ₂ : 2.00 ±.1 | | |

1. Pocket centerlines to cavity center, not to pocket detection hole.
2. A₀ and B₀ measured 0.3mm above bottom of pocket.

Reference EIA 481

- Embossed tape and reel
- 450 devices per 13 in. reel
- 35 min. trailer pockets
- 100 min. leader pockets

- Pin 1 on trailing device edge, sprocket hole side

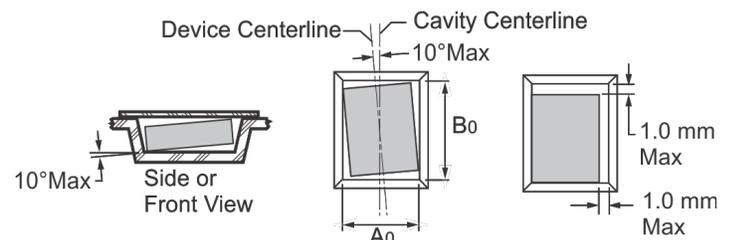


Access hole and hub configuration may vary at supplier discretion within limits shown

Dimensions in mm

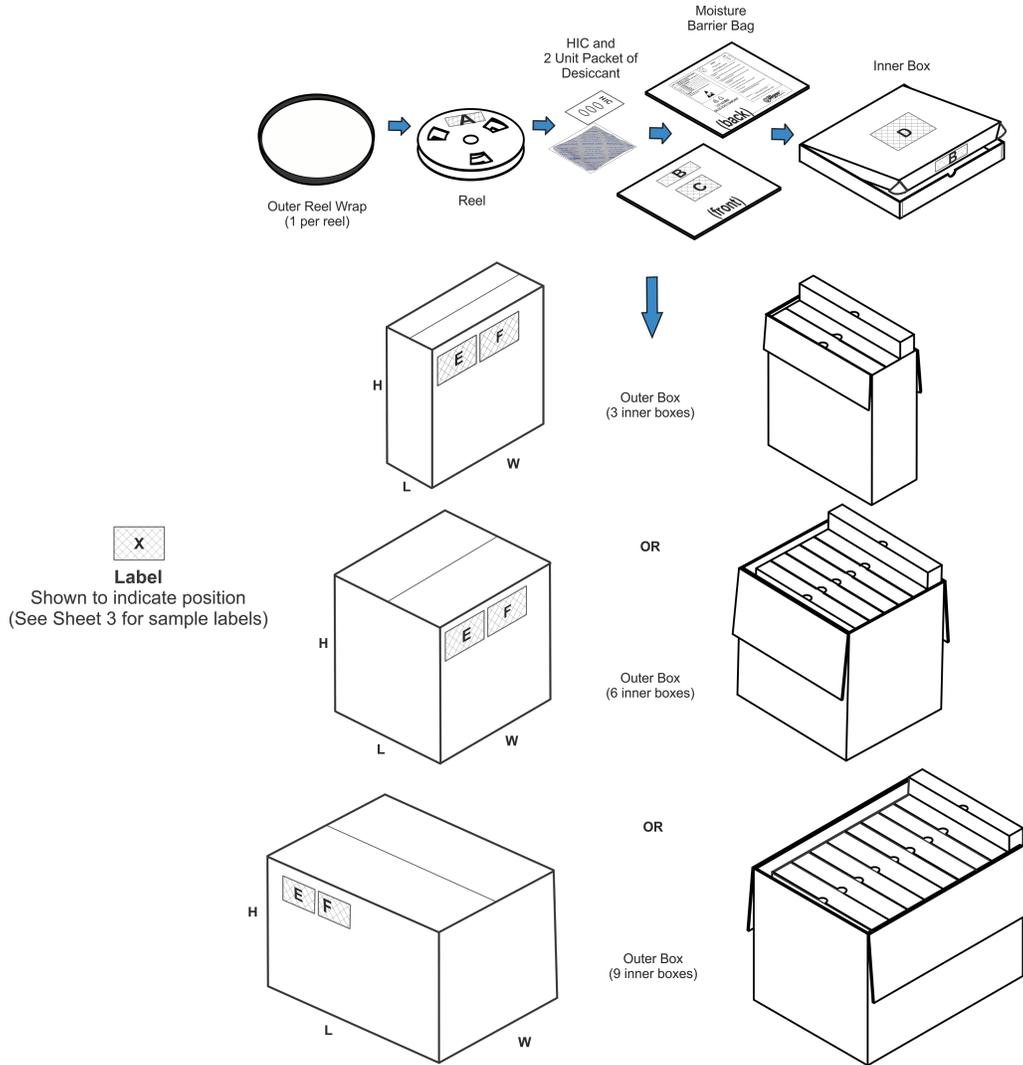
| Type | A | B | C | D | N |
|----------------------|--------------|--------------|-------------------|---------------|--------------|
| Plastic 13 in. | 330 (Nom) | 1.5 (Min) | 13 +0.5 / -0.2 | 20.2 (Min) | 102 (Nom) |
| W1 (inside, at hub) | | | 16.4 (Min) | | |
| W2 (outside, at hub) | | | 22.4 (Max) | | |

Reference EIA 481



Reference EIA 481

KT-4 Package, TX Suffix



Carton Dimensions (mm)

| Type | Length | Width | Height | Inner Carton Standard Quantity | Outer Carton Standard Quantity |
|-------|--------|-------|--------|--------------------------------|--------------------------------|
| TC17 | 364 | 348 | 56 | 450 | -- |
| TC18A | 379 | 188 | 365 | -- | 1350 |
| TC18B | 379 | 368 | 365 | -- | 2700 |
| TC17A | 556 | 403 | 400 | -- | 4050 |

* Carton Details pertain only to Full Standard Increments. Partial orders will only be provided for samples or due to exceptional circumstances. Partial orders may not be packed according to Carton Details but may require protective filler, empty inner boxes or other packing modifications.

KT-4 Package, TX Suffix

Reel Production Label [A]
28.58mm x 101.6mm

Box Flap Label [B]
28.58mm x 101.6mm

| | | | |
|-------------|------------------------------|----------|------|
| Part (P) | A123456XXX-XXXXXXXX-XXXXXXXX | | |
| Mfr PN (1P) | A123456-XXX-XXX | | |
| Qty (Q) | 1000 | | |
| Lot (1T) | 1234567XXX | Qty (1Q) | 1000 |
| Lot 2 (2T) | N/A | Qty (2Q) | 0 |

Moisture Sensitive Device
Peak Reflow 260°C

MS-Level (13E) 2

ALLEGRO microsystems Reel _____ Date (12D) 2019-01-01

| | | | |
|-------------|------------------------------|----------|------|
| Part (P) | A123456XXX-XXXXXXXX-XXXXXXXX | | |
| Mfr PN (1P) | A123456-XXX-XXX | | |
| Qty (Q) | 1000 | | |
| Lot (1T) | 1234567XXX | Qty (1Q) | 1000 |
| Lot 2 (2T) | N/A | Qty (2Q) | 0 |

Moisture Sensitive Device
Peak Reflow 260°C

MS-Level (13E) 2

ALLEGRO microsystems Reel _____ Date (12D) 2019-01-01

1D Production Label [C]
63.5mm x 101.6mm

Inner Carton Label [D]
101.6mm x 165.1mm

00000000

ALLEGRO MicroSystems
Manchester, NH 03103 USA

Cust PN: 999999XXX-XXX99999XX_000000000

Mfr PN: 999999XXX-XXX99999XX_000000000

Alg In: 000000XXX-XXX00000XX

| | |
|--------------------------|---------------------|
| Lot 1: 1234567XXX | Qty 1: 10000 |
| Lot 2: 1234567XXX | Qty 2: 5000 |

D/C: 1234 **Total Qty:** 15000

ALLEGRO MicroSystems Manchester, NH 03103, USA (4L) Made In United States

| | |
|---|-------------------------------------|
| (P) Customer Part A12345XXX-XXXXXXXX-000000000 | (1K) Sales Order 00000000 |
| (1P) Manufacturer Part A12345XXX-XXXXXXXX-000000000 | (9D) Date Code 1234 |
| (1T) Lot 1234567XXX | (Q) Quantity 100000 |
| (K) Purchase Order 000000000-000000000 | (16K) Delivery 00000000 |

Outer Carton Label [E]
101.6mm x 165.1mm

Outer Carton Address Label [F]
101.6mm x 165.1mm

ALLEGRO MicroSystems Manchester, NH 03103, USA (4L) Made In United States

| | |
|---|-------------------------------------|
| (P) Customer Part A12345XXX-XXXXXXXX-000000000 | (1K) Sales Order 00000000 |
| (1P) Manufacturer Part A12345XXX-XXXXXXXX-000000000 | (Q) Quantity 100000 |
| (K) Purchase Order 000000000-000000000 | (16K) Delivery 00000000 |

ALLEGRO MicroSystems, LLC
955 Perimeter Rd
Manchester, NH 03103
United States

Ship To (Shipping Mark):
Allegro MicroSystems, LLC
ATTN: Corporate Label Team
955 Perimeter Rd
Manchester, NH 03103

Package 1 / 1

* Label examples are shown for content purposes only. Labels are not shown to scale. Given label dimensions are approximate. As required, the necessary compliance symbols on the labels will meet the ship to country regulations.

KT-4 Package, TX Suffix

Revision History

| Revision No. | Date | ECN No. | Description |
|--------------|------------|---------|----------------|
| 0 | 2021-02-01 | OI | ORIGINAL ISSUE |

This document provides reference information that can be used to identify leadform and packing options offered by Allegro MicroSystems. This information is for reference only, and not for tooling use. This information is subject to change without notice. Packing and labelling for shipment may vary with device type, quantities, and other conditions; specifications may vary with contract terms and availability.

Packing options vary according to the individual device being offered. Refer to the device datasheet (visit our website at: www.allegromicro.com) for a listing of packing options for that device. Not all options are available for any particular package designation or device type, and provision of certain configurations may be subject to minimum volume or NCNR (noncancellation, nonreturn) limitations. Contact your local Allegro field service representative for additional information.

For more information on the physical appearance of device packages and leadforms, refer to the device datasheet or the application note **Allegro Package Designations** on the Allegro website. When applicable, references are provided to industry standards, such as for tape and reel specifications standard package outline designations. These references are provided for informational purposes only, and do not necessarily indicate full conformity with that standard in all respects. No dimensional tolerances are guaranteed or implied for bulk packing.

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