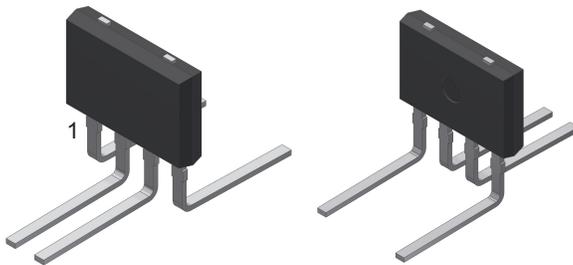
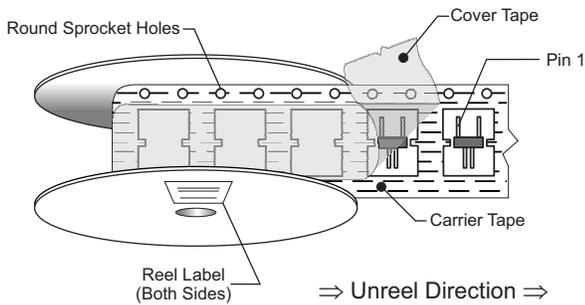


KT-4 Package, TG Suffix

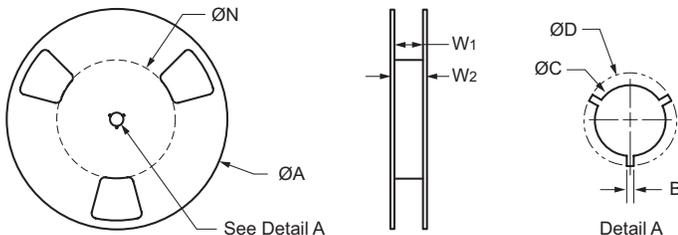


Terminals: 4
Through hole pins
Customer Specific Leadform



- Embossed tape and reel
- 750 devices per 13 in. reel
- 25 min. trailer pockets
- 100 min. leader pockets
- Pin 1 on trailing device edge, sprocket hole side

Leader pockets are the first off the reel when the tape is unreeled for dispensing devices. Trailer pockets are the last pockets off the reel when unreeled for dispensing devices.

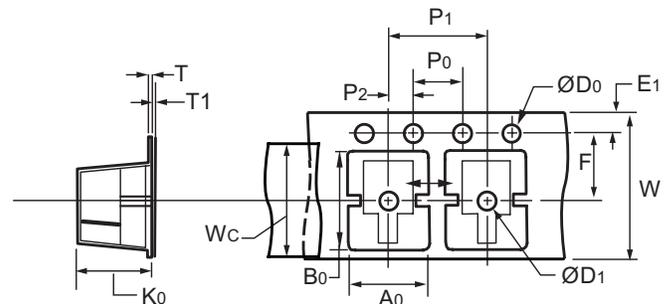


Access hole and hub configuration may vary at supplier discretion within limits shown

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

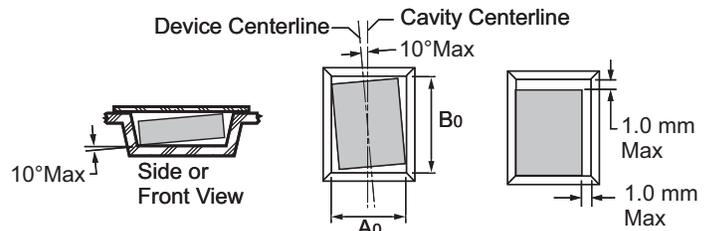


Dimensions in mm, may vary with supplier

| Carrier Tape | | | Cover Tape |
|---------------------------|------------------------------|---------------------------|---------------------------------|
| W: 16.00 ±.3 | D ₀ : 1.50 +.1/-0 | A ₀ : 8.00 | W _C : 13.1 |
| E ₁ : 1.75 ±.1 | P ₀ : 4.00 ±.1 | B ₀ : 9.10 | T ₁ : 0.061 (0.1MAX) |
| F: 7.50 ±.1 | P ₁ : 12.00 ±.1 | K ₀ : 6.31 | |
| T: 0.40 (0.6 MAX) | P ₂ : 2.00 ±.1 | D ₁ : 1.50 MIN | |

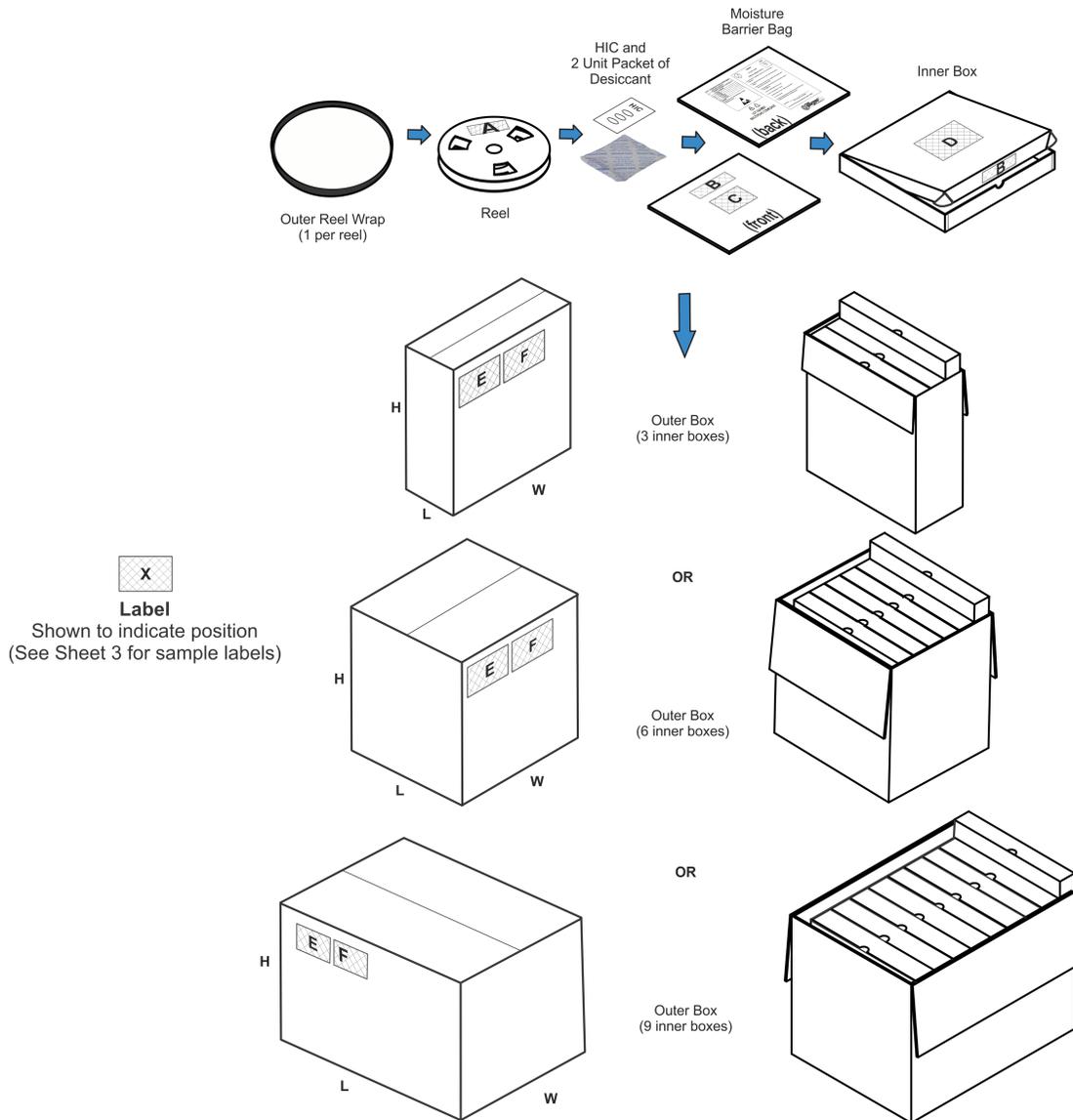
1. Pocket centerlines to cavity center, not to pocket detection hole.
2. A₀ and B₀ measured 0.3 mm above bottom of pocket.

Reference EIA 481



Reference EIA 481

KT-4 Package, TG Suffix



Carton Dimensions (mm)

| Type | Length | Width | Height | Inner Carton Standard Quantity | Outer Carton Standard Quantity |
|-------|--------|-------|--------|--------------------------------|--------------------------------|
| TC17 | 364 | 348 | 56 | 750 | |
| TC18A | 188 | 379 | 365 | | 2250 |
| TC18B | 368 | 379 | 365 | | 4500 |
| TC17A | 556 | 403 | 400 | | 6750 |

* 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, TG Suffix

Reel Production Label [A]

1.125in x 4in



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

Moisture Sensitive Device
 Peak Reflow 260°C

ALLEGRO microsystems
 MS-Level (13E) 3
 Reel _____ Date (12D) 2019-01-01



Moisture Barrier Bag / Box Flap Label [B]

1.125in x 4in



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

Moisture Sensitive Device
 Peak Reflow 260°C

ALLEGRO microsystems
 MS-Level (13E) 3
 Date (12D) 2019-01-01



1D Production Label [C]

2.5in x 3.75in

00000000

Allegro MicroSystems
 Manchester, NH 03103 USA

ALLEGRO microsystems

Cust PN: 999999XXX-XXX99999XX_000000000

Mfr PN: 999999XXX-XXX99999XX_000000000

Alg In: 000000XXX-XXX00000XX

Lot 1: 1234567XXXX Qty 1: 10000

Lot 2: 1234567XXXX Qty 2: 5000

D/C: 1234 Total Qty: 15000

EU RoHS Compliant

C **RU** US



Inner Carton Label [D]

4in x 6.5in

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 1234567XXXX (Q) Quantity 100000

(K) Purchase Order 000000000-000000000 (16K) Delivery 00000000

EU RoHS Compliant

C **RU** US



Outer Carton Label [E]

4in x 6.5in

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

EU RoHS Compliant

C **RU** US



Outer Carton Address Label [F]

4in x 6.5in

Allegro MicroSystems
 955 Perimeter Rd
 Manchester, NH 03103
 United States

ALLEGRO microsystems

Ship To (Shipping Mark):
 Allegro MicroSystems
 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, TG Suffix

Revision History

| Revision No. | Date | ECN No. | Description |
|--------------|------------|---------------|---|
| 0 | 12/15/2017 | -- | ORIGINAL ISSUE |
| 1 | 5/1/2019 | CR-2019-02074 | UPDATE ORIENTATION GRAPHIC. ADD EIA STANDARD TOLERANCES. UPDATE PACKING GRAPHIC. UPDATE LABEL GRAHPICS. UPDATE COPYRIGHT DATE AND ALLEGRO ADDRESS. UPDATE LOGO. |
| 2 | 5/27/2020 | CR-2020-01791 | UPDATE CARTON DETAILS TO MSL PACKING. UPDATE LABEL GRAPHICS TO MSL3. UPDATE COPYRIGHT DATE. |

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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Allegro MicroSystems
955 Perimeter Road
Manchester, New Hampshire 03103-3353
U.S.A.
1.603.626.2300; www.allegromicro.com