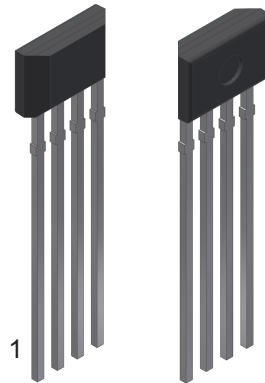
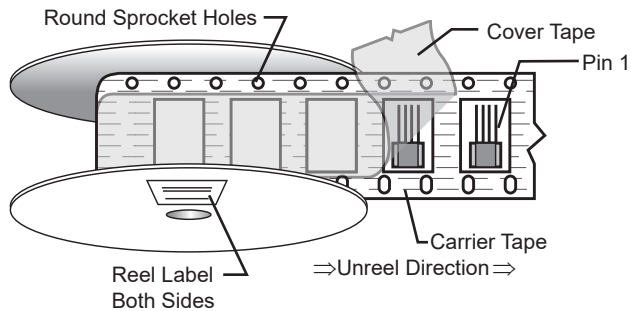


K-4/OK-4 Package, TN Suffix



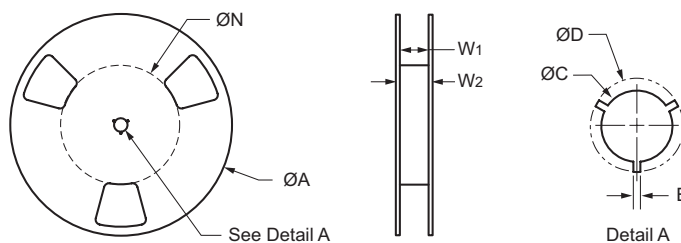
Terminals: 4
Straight
Untrimmed
Unformed (flat)

Non JEDEC standard



- Embossed tape and reel
- 4000 pieces per 13 in. reel
- 25 min. trailer pockets
- 55 min. leader pockets
- Branded face outward
- Device body on left side
- Elongated sprocket holes on left side
- Pin 1 on leading device edge

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.

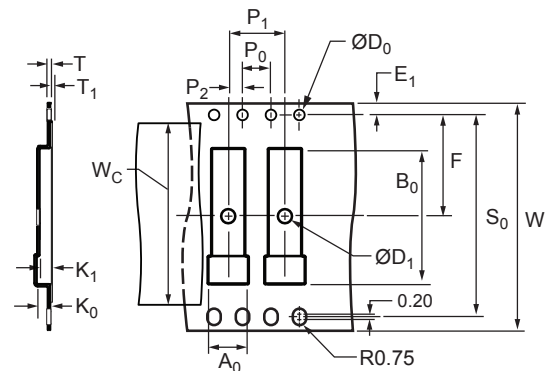


Access hole and hub configuration may vary at supplier discretion within limits shown

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)			32.4 (Min)		
W₂ (outside, at Hub)			38.4 (Max)		

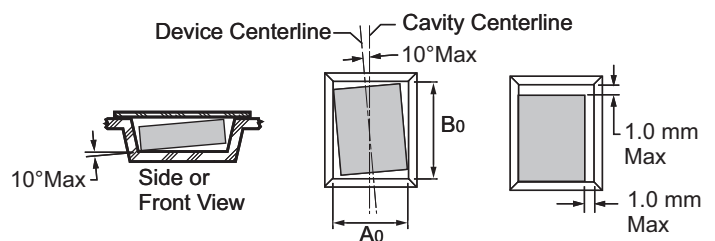
Reference EIA 481



Dimensions in mm, may vary with supplier

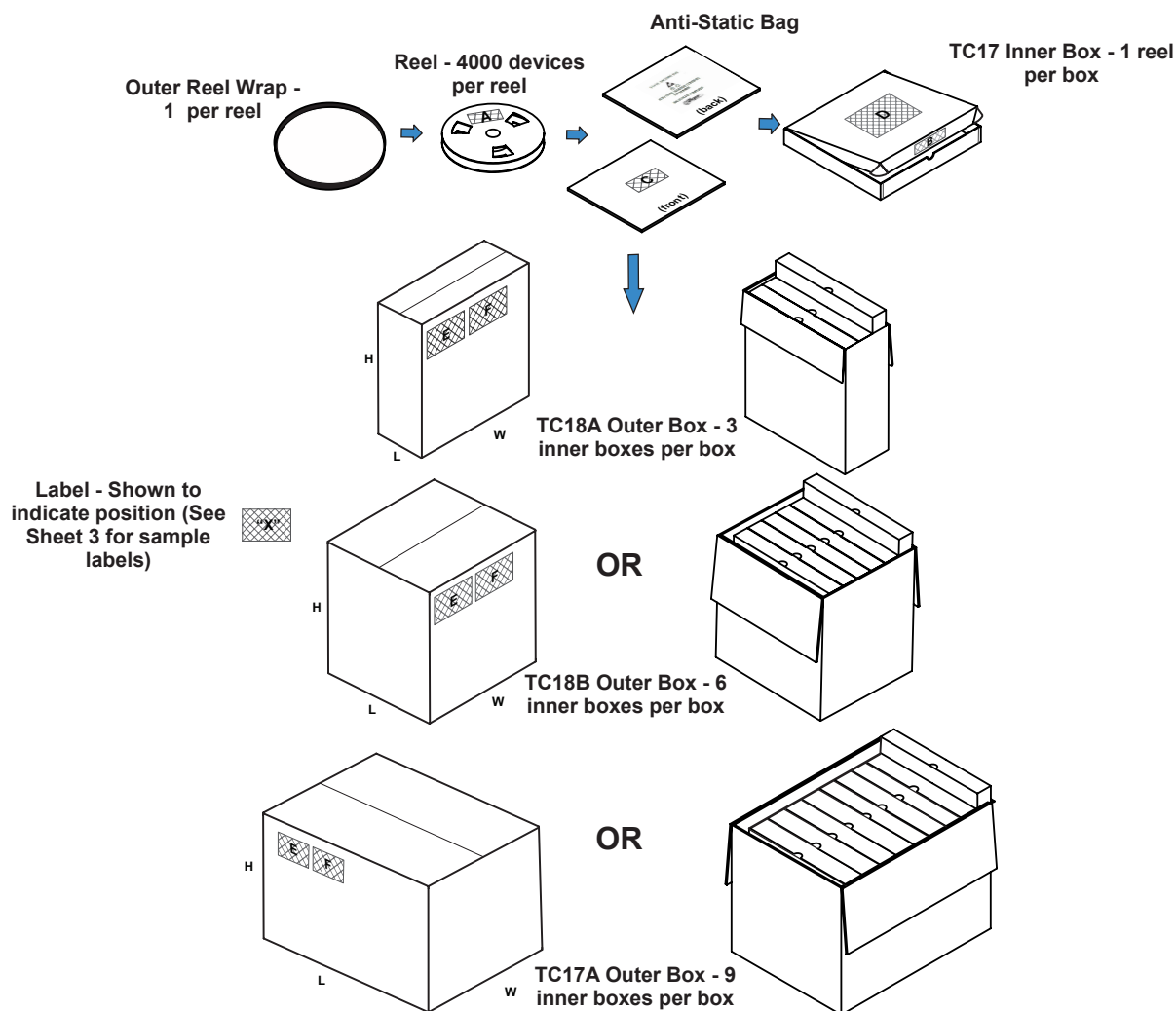
Carrier Tape			Cover Tape
W: 32.00	D ₀ : 1.50	A ₀ : 5.80	W _C : 25.5 T ₁ : 0.0022 in.
E ₁ : 1.75	P ₀ : 4.00	B ₀ : 19.20	
F: 14.20	P ₁ : 8.00	K ₀ : 1.90	
T: 0.30	P ₂ : 2.00	K ₁ : 1.50	
	S ₀ : 28.40	D ₁ : 2.00	

1. Pocket centerlines to cavity center, not to pocket detection hole.
2. A₀ and B₀ measured 0.3 mm above bottom of pocket.
3. Reference EIA 481.



Reference EIA 481

K-4/OK-4 Package, TN Suffix



Carton Dimensions (mm)


Type	Length	Width	Height	Inner Carton Standard Quantity	Outer Carton Standard Quantity
TC17	351	364	56	4000	
TC18A	188	380	365		12000
TC18B	380	368	365		24000
TC17A	536	403	400		36000



* 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.

K-4/OK-4 Package, TN Suffix

Reel Production Label [A]


1.125in x 4in



	Part No: XXXXXXXXXXXXXXXXXXXX	Date: 20150106
	Catalog: XXXXXXXXXXXXXXXXXXXX	MS-Level: N
	Qty: XXXX	
	Lot 1: 1234567ABCD	Qty 1: XXXX
	Lot 2: N/A	Qty 2: 0

 Reel 

Box Flap Label [B]


1.125in x 4in


	Part No: XXXXXXXXXXXXXXXXXXXX	Date: 20150106
	Catalog: XXXXXXXXXXXXXXXXXXXX	MS-Level: N
	Qty: XXXX	
	Lot 1: 1234567ABCD	Qty 1: XXXX
	Lot 2: N/A	Qty 2: 0

1D Production Label [C]

2.5in x 3.75in






Allegro MicroSystems, LLC		
Cust PN: XXXXXXXXXXXX		
Mfr PN: XXXXXXXXXXXX		
Alg In: XXXXXXXXXXXX		
Lot 1: 9999999XXXX	Qty 1: 1000	
Lot 2: N/A	Qty 2: 0	
D/C: 0101	Total Qty: 1000	

Bag 

Inner Carton Label [D]

4in x 6.5in

Allegro MicroSystems LLC		
(1K)Sales Order Number XXXXX	(P)Customer Part Number XXXXX	
(9D)Date Code XXXXX	(1T)Lot Number XXXXX	(Q)Quantity XXXXX
(16K)Delivery XXXXX	(1P)Manufacturer Part # XXXXX	
(K)Purchase Order Number XXXXX		






    

Manufacturer ALLEGRO MICROSYSTEMS LLC Made in XXXXXX

Outer Carton Label [E]

4in x 6.5in


Allegro MicroSystems LLC	
(1K)Sales Order Number XXXXX	(P)Customer Part Number XXXXXXXXXXXX
(16K)Delivery XXXXX	(Q)Quantity XXXXX
(1P)Manufacturer Part # XXXXX	
(K)Purchase Order Number XXXXX	

Manufacturer ALLEGRO MICROSYSTEMS LLC Made in XXXXXX

Outer Carton Address Label [F]

4in x 6.5in

ALLEGRO MICROSYSTEMS, LLC 115 NORTHEAST CUTOFF WORCESTER, MA 01606	
ALLEGRO MICROSYSTEMS, LLC 115 NORTHEAST CUTOFF WORCESTER, MA 01606	
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.



K-4/OK-4 Package, TN Suffix

Revision History

Revision No.	Date	ECN No.	Description
0	07/08/2016	OI	ORIGINAL RELEASE
1	10/24/2016	CR-2016-03476	ADD KN-4 AND UPDATE TITLE, TN PACKAGE TO DOCUMENT, ADD DISCLAIMER FOR COMPLIANCE SYMBOLS ON LABELS.
2	10/25/2017	CR-2017-03980	REMOVE KN-4 DESIGNATOR. UPDATE PACKAGE ILLUSTRATION. ADD EIA481 DEVICE FITMENT GRAPHIC. ADD OUTER CARTON ADDRESS LABEL. ADD APPROX LABEL DIMENSIONS.

This document provides reference information that can be used to identify leadform and packing options offered by Allegro MicroSystems, LLC. 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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