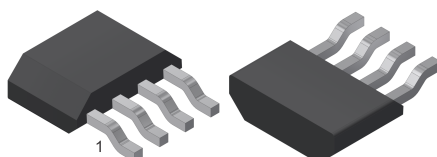
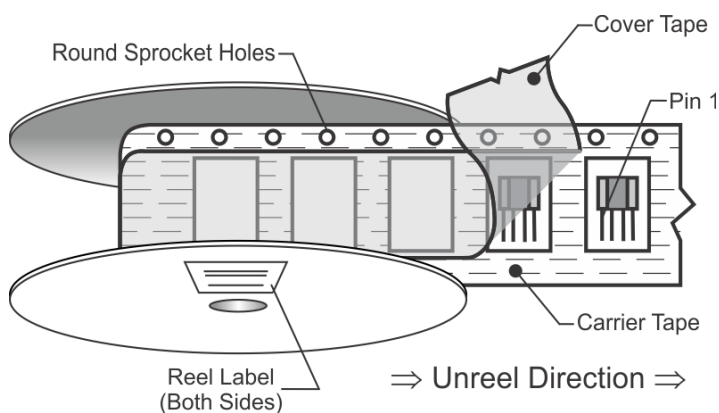


Packing Information

OK-4 Package, TS Suffix

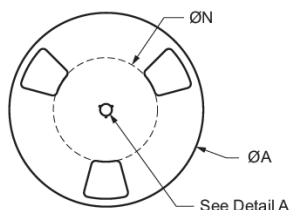


Terminals: 4
Pins straight
Trimmed
Formed (offset towards PCB
for horizontal mounting)
Non-JEDEC Standard

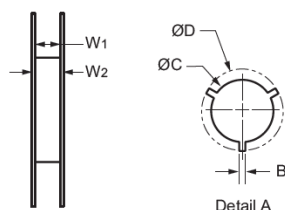


- Embossed tape and reel
- 4000 devices per 13 in. reel
- 20 min. trailer pockets
- 20 min. leader pockets

- Branded face outward
- Device body on right side
- Pin 1 on trailing device edge



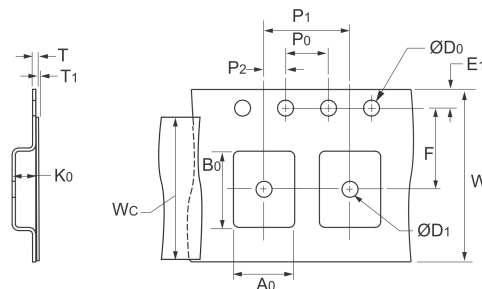
Access hole and hub configuration may vary at supplier discretion within limits shown



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

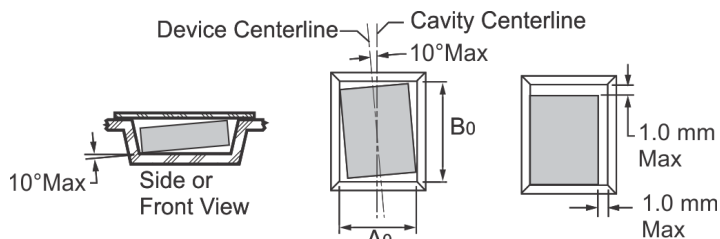


Dimensions in mm, may vary with supplier

Carrier Tape			Cover Tape
W: 16.00 ±.3	D ₀ : 1.50 ±.1/-0	A: 5.70	W _c : 13.10
E: 1.75 ±.1	P ₀ : 4.00 ±.1	B ₀ : 7.10	T ₁ : 0.061 (0.1 MAX)
F: 7.50 ±.1	P ₁ : 8.00 ±.1	K ₀ : 2.00	
T: 0.30 (0.6 MAX)	P ₂ : 2.00 ±.1	D ₁ : 1.50 MIN	

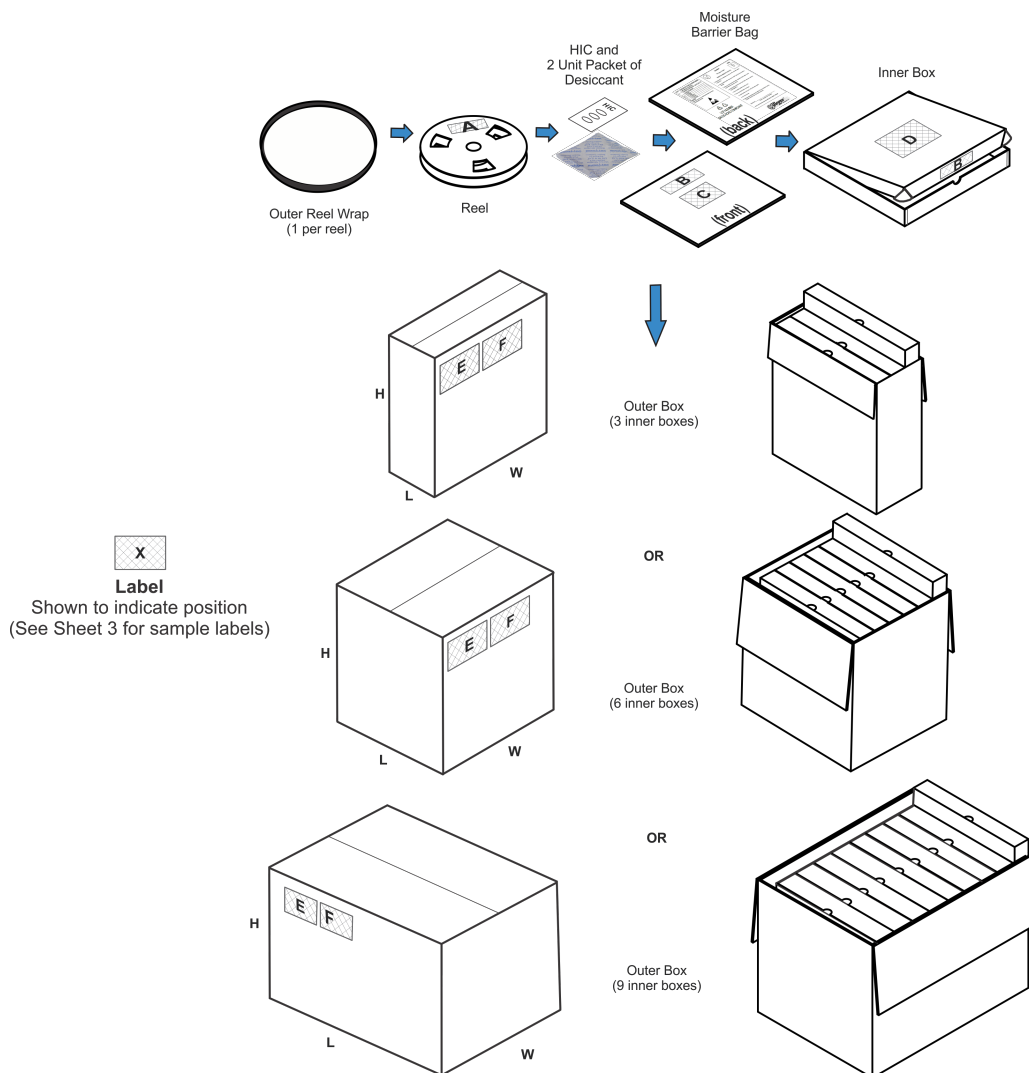
1. Pocket centerlines to cavity center, not to pocket detection hole.
2. A₀ and B₀ measured 0.3mm above bottom of pocket.

Reference EIA 481



Reference EIA 481

OK-4 Package, TS Suffix



Carton Dimensions (mm)


Type	Length	Width	Height	Inner Carton Standard Quantity	Outer Carton Standard Quantity
TC17	364	348	56	4000	--
TC18A	379	188	365	--	12000
TC18B	379	368	365	--	24000
TC17A	556	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.

OK-4 Package, TS Suffix

Reel Production Label [A]
 28.58mm x 101.6mm

Moisture Barrier Bag/ Box Flap Label [B]
 28.58mm x 101.6mm



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


Moisture Sensitive Device
 Peak Reflow 260°C

ALLEGRO microsystems

MS-Level (13E) 2

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



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

Moisture Sensitive Device
 Peak Reflow 260°C

ALLEGRO microsystems

MS-Level (13E) 2

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

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

Inner Carton Label [D]
 101.6mm x 165.1mm

Allegro MicroSystems
 Manchester, NH 03103 USA

ALLEGRO microsystems

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
 A12345XXXX-XXXXXXXXXX-000000000

(1P) Manufacturer Part
 A12345XXXX-XXXXXXXXXX-000000000

(1T) Lot
 1234567XXX




(K) Purchase Order
 000000000-000000000

(1K) Sales Order
 00000000

(9D) Date Code
 1234

(Q) Quantity
 100000

(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
 A12345XXXX-XXXXXXXXXX-000000000




(1P) Manufacturer Part
 A12345XXXX-XXXXXXXXXX-000000000


(K) Purchase Order
 000000000-000000000

(1K) Sales Order
 00000000

(Q) Quantity
 100000


(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.

OK-4 Package, TS Suffix

Revision History

Revision No.	Date	ECN No.	Description
0	2016-11-04	OI	ORIGINAL ISSUE
1	2017-10-25	CR-2017-03979	UPDATE PACKAGE ILLUSTRATION. ADD EIA481 DEVICE FITMENT GRAPHIC. ADD OUTER CARTON ADDRESS LABEL. ADD APPROX LABEL DIMENSIONS. ADD OK-4 PACKAGE DESIGNATION.
2	2018-10-23	CR-2018-04330	UPDATE ORIENTATION GRAPHIC. UPDATE LABEL GRAPHICS (1D, INNER, OUTER, ADDRESS). UPDATE COPYRIGHT DATE. UPDATE ALLEGRO ADDRESS.
3	2019-05-03	CR-2019-02135	ADD EIA STANDARD TOLERANCES. ADD REEL WRAP TO PACKING. UPDATE PACKING GRAPHIC. UPDATE LABEL GRAPHICS. UPDATE COPYRIGHT DATE. UPDATE LOGO.
4	2021-05-05	CR-2021-01305	UPDATE TO NEW LAYOUT.

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