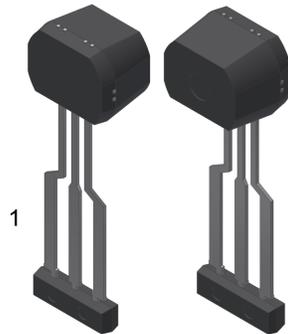
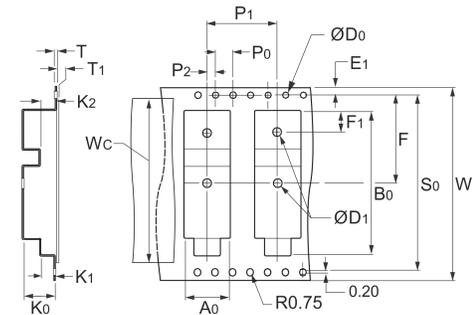
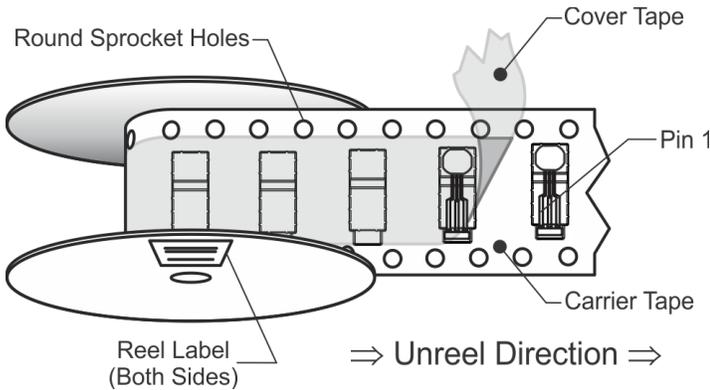


Packing Information

SM-3 Package, TN Suffix



Terminals: 3
Non JEDEC standard



Dimensions in mm, may vary with supplier

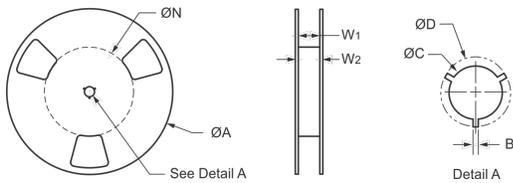
Carrier Tape			Cover Tape
W: 44.00 ±.3	D _C : 1.50 +.1/-0	A ₀ : 8.00	W _C : 37.50 T _C : 0.061 (0.1 MAX)
E: 1.75 ±.1	P _C : 4.00 ±.1	B ₀ : 20.00	
F: 20.20 ±.15	P ₀ : 12.00 ±.1	K ₁ : 5.30	
T: 0.35 (0.4 MAX)	P ₁ : 2.00 ±.15	K ₂ : 2.30	
	S _C : 40.40 ±.1	D ₁ : 2.00 MIN	

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

- Embossed tape and reel
- 800 devices per 13 in. reel
- 25 min. trailer pockets
- 75-80 leader pockets

- Branded face outward
- Pin 1 on trailing device edge

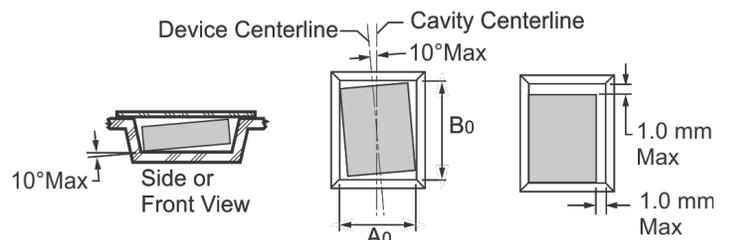


Access hole and hub configuration may vary at supplier discretion within limits shown

Dimensions in mm

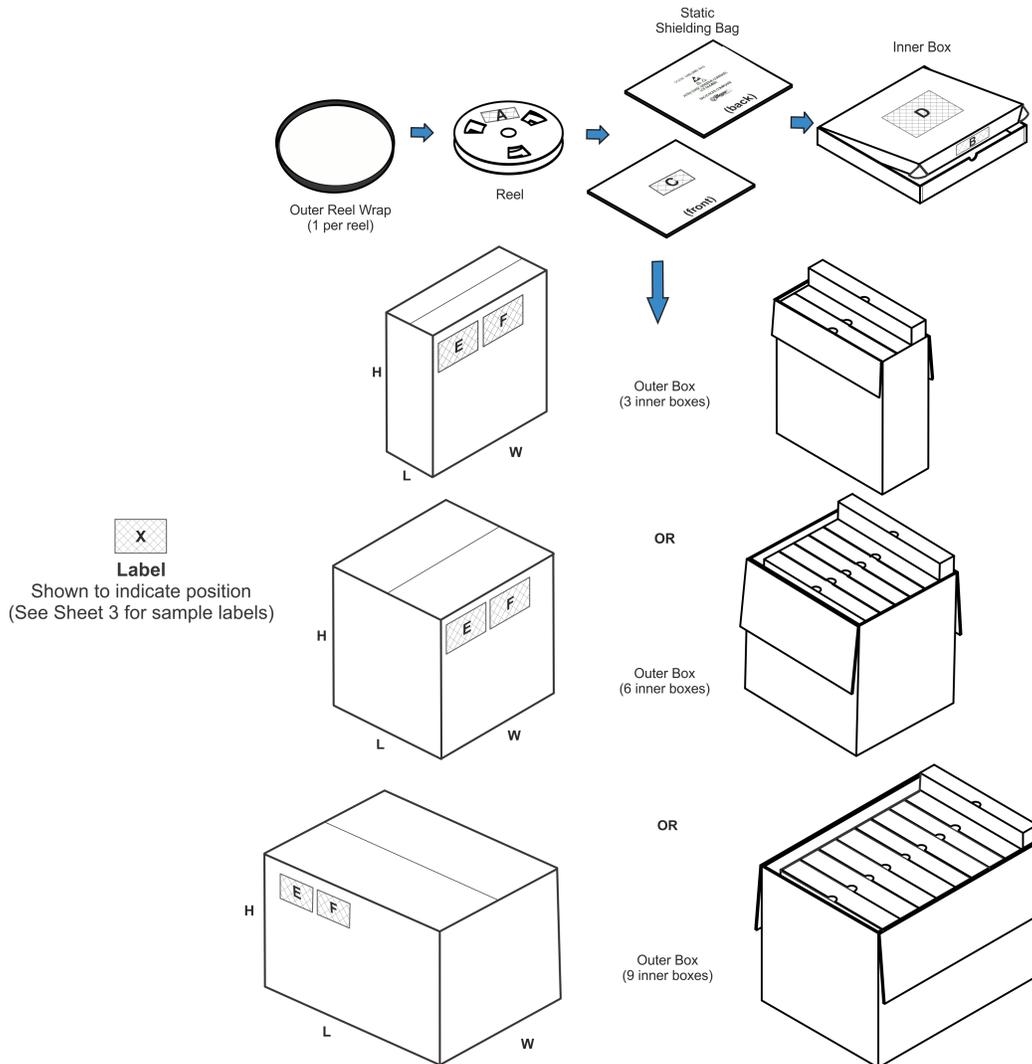
Type	A	B	C	D	N
Plastic 13 in.	330 (Nom)	1.5 (Min)	13 +0.5 / -0.2	20.2 (Min)	102 (Nom)
W1 (inside, at hub)			44.4 (Min)		
W2 (outside, at hub)			50.4 (Max)		

Reference EIA 481



Reference EIA 481

SM-3 Package, TN Suffix



Carton Dimensions (mm)

Type	Length	Width	Height	Inner Carton Standard Quantity	Outer Carton Standard Quantity
TC17	364	348	56	800	--
TC18A	379	188	365	--	2400
TC18B	379	368	365	--	4800
TC17A	556	403	400	--	7200

* 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.

SM-3 Package, TN 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-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

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 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 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 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.

SM-3 Package, TN Suffix

Revision History

Revision No.	Date	ECN No.	Description
0	2015-03-27	1503073	ORIGINAL RELEASE
1	2015-09-15	1509015	CARTON DETAILS - ADD 1-D LABEL, SHOW BAG DETAILS WITH LABELS.
2	2016-03-28	CR-2016-00869	CONVERT TO NEW NUMBERING, CORRECT BO ON TAPE DIMENSION.
3	2016-07-29	CR-2016-02141	UPDATE LABEL FORMAT. ADD DISCLAIMER FOR COMPIIANCE SYMBOLS ON LABELS.
4	2018-12-20	CR-2018-05253	REMOVE SN-3 AND SP-3 PACKAGES. UPDATE PACKAGE GRAPHIC. UPDATE ORIENTATION GRAPHIC. ADD EIA FITMENT GRAPHIC. UPDATE PACKING GRAPHIC. ADD ADDRESS LABEL. ADD LABEL DIMENSIONS. UPDATE LABEL GRAPHICS (1D, INNER, OUTER). UPDATE COPYRIGHT DATE. UPDATE ALLEGRO ADDRESS.
5	2021-01-04	CR-2021-00017	UPDATE LOGO. UPDATE LABEL TEMPLATES.

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 (nuncancellation, 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 dataseheet 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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