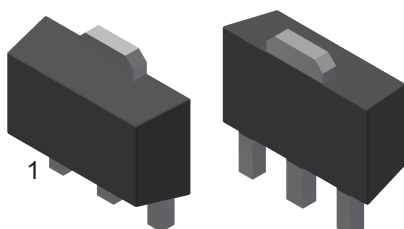
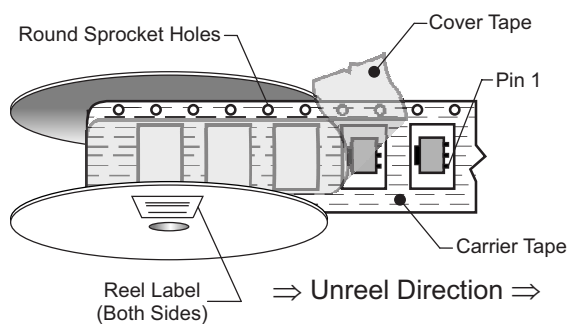


LT-3 Package, TR Suffix

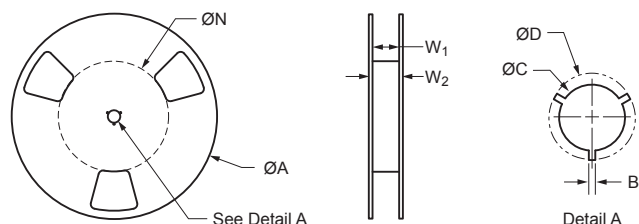


Terminals: 3
1.50 mm pin pitch
Pins flat lug
SOT89
JEDEC TO-243AA



- Embossed tape and reel
- 1000 devices per 7 in. reel
- 20 min. trailer pockets
- 20 min. leader pockets
- Branded face outward
- 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.

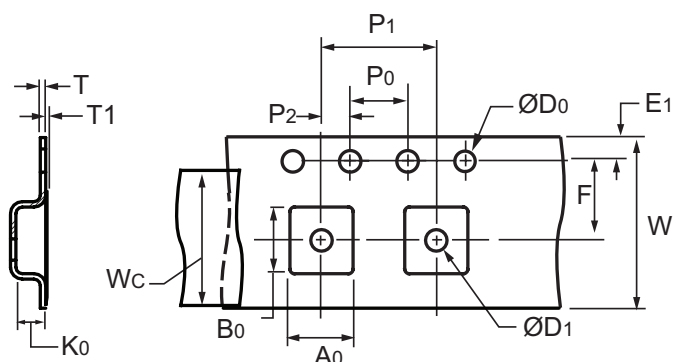


Access hole and hub configuration may vary at supplier discretion within limits shown

Dimensions in mm

Type	A	B	C	D	N
Plastic 7 in.	178 (Nom)	1.5 (Min)	13 ^{+0.5} _{-0.2}	20.2 (Min)	60 (Nom)
W₁ (inside, at Hub)			12.4 (Min)		
W₂ (outside, at Hub)			18.4 (Max)		

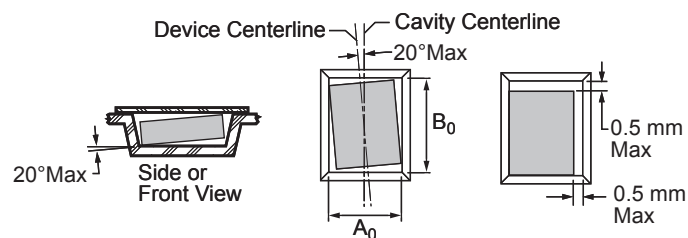
Reference EIA 481



Dimensions in mm

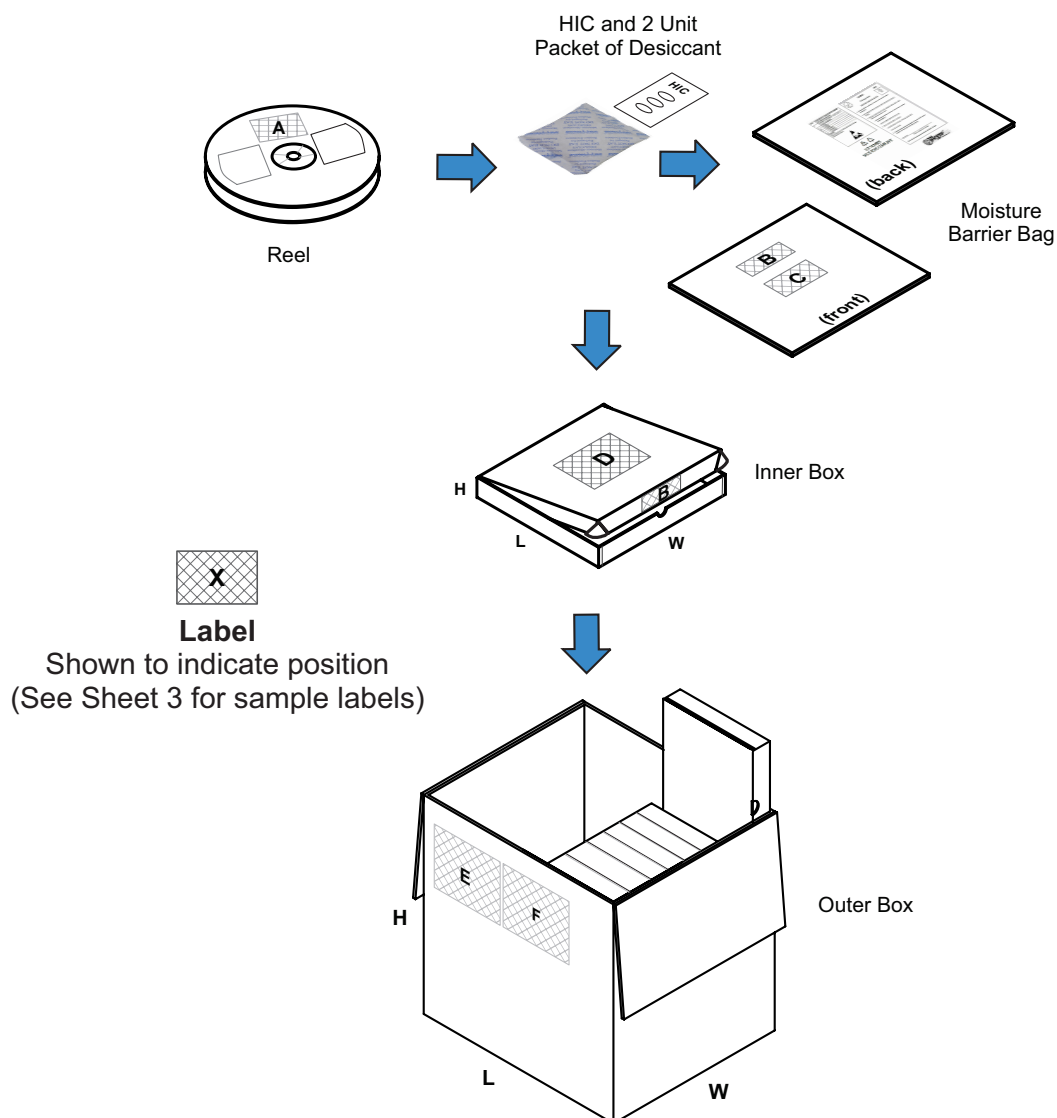
Carrier Tape			Cover Tape
W: 12.00 ±.3	D ₀ : 1.50 +.1/-0	A ₀ : 4.40	W _C : 9.1 T ₁ : 0.061 (0.1 MAX)
E ₁ : 1.75 ±.1	P ₀ : 4.00 ±.1	B ₀ : 4.64	
F: 5.50 ±.05	P ₁ : 8.00 ±.1	K ₀ : 1.91	
T: 0.30 (0.6 MAX)	P ₂ : 2.00 ±.05	D ₁ : 1.50 MIN	

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



Reference EIA 481

LT-3 Package, TR Suffix



Carton Dimensions (mm)


Type	Length	Width	Height	Inner Carton Standard Quantity	Outer Carton Standard Quantity
TC14	185	205	35	1000	
TC11A	245	214	212		6000
TC11	321	318	291		13000
TC17A	536	403	400		48000

* 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.




LT-3 Package, TR Suffix

Reel Production Label [A]

1.125in x 4in


	Part (P)	A123456XXX-XXXXXXXX-XXXXXXXXXX		
	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 250°C




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

Moisture Barrier Bag / Box Flap Label [B]

1.125in x 4in



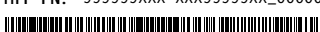

	Part (P)	A123456XXX-XXXXXXXX-XXXXXXXXXX		
	Mfr PN (1P)	A123456-XXXX-XXXX		
	Qty (Q)	1000		
	Lot (1T)	1234567XXXX	Qty (1Q)	1000
	Lot 2 (2T)	N/A	Qty (2Q)	0




Moisture Sensitive Device
Peak Reflow 250°C

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

1D Production Label [C]










2.5in x 3.75in

0000000000	Allegro MicroSystems Manchester, NH 03103 USA		
	Cust PN: 999999XXX-XXX99999XX_0000000000		
			
	Mfr PN: 999999XXX-XXX99999XX_0000000000		
			
	Alg In: 000000XXX-XXX00000XX		
			
	Lot 1: 1234567XXXX	Qty 1: 10000	
	Lot 2: 1234567XXXX	Qty 2: 5000	
	D/C: 1234	Total Qty: 15000	

Bag   









Inner Carton Label [D]

4in x 6.5in

 Allegro MicroSystems Manchester, NH 03103, USA		(4L) Made In United States
(P) Customer Part	A12345XXXX-XXXXXXXX-0000000000	(1K) Sales Order
		00000000
(1P) Manufacturer Part	A12345XXXX-XXXXXXXX-0000000000	(30) Date Code
		1234
(1T) Lot	1234567XXXX	(Q) Quantity
		100000
(K) Purchase Order	0000000000-0000000000	(16K) Delivery
		00000000
	  	



Outer Carton Label [E]

4in x 6.5in

 Allegro MicroSystems Manchester, NH 03103, USA		(4L) Made In United States
(P) Customer Part	A12345XXXX-XXXXXXXX-0000000000	(1K) Sales Order
		00000000
(1P) Manufacturer Part	A12345XXXX-XXXXXXXX-0000000000	(Q) Quantity
		100000
(K) Purchase Order	0000000000-0000000000	(16K) Delivery
		00000000
	  	

Outer Carton Address Label [F]

4in x 6.5in

Allegro MicroSystems 955 Perimeter Rd Manchester, NH 03103 United States	
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.

LT-3 Package, TR Suffix

Revision History

Revision No.	Date	ECN No.	Description
0	022216	OI	ORIGINAL RELEASE
1	08/13/2016	CR-2016-02463	UPDATE LABEL FORMAT, ADD 1D LABEL, ADD DISCLAIMER FOR COMPLIANCE SYMBOLS ON LABELS. UPDATE LABEL LETTER ON PACKAGING SHOWING LABEL PLACEMENT.
2	4/11/2019	CR-2018-05273	UPDATE PACKAGE GRAPHIC. UPDATE ORIENTATION GRAPHIC. UPDATE PACKING GRAPHIC. CONSOLIDATE PACKING OPTIONS TABLE. UPDATE LABEL GRAPHICS. ADD ADDRESS LABEL. ADD LABEL DIMENSIONS. UPDATE COPYRIGHT DATE. UPDATE ALLEGRO ADDRESS.

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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