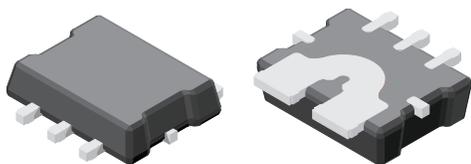
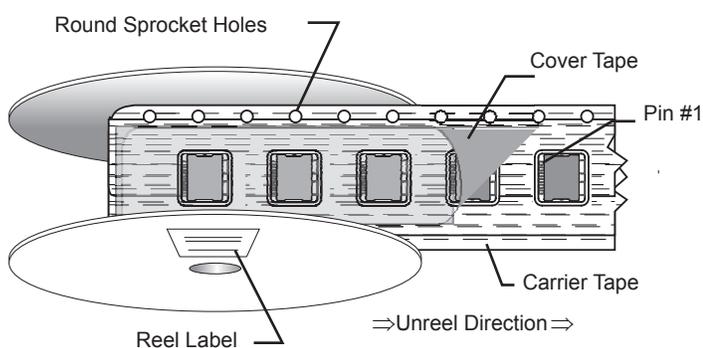


LR-7 Package, TR Suffix

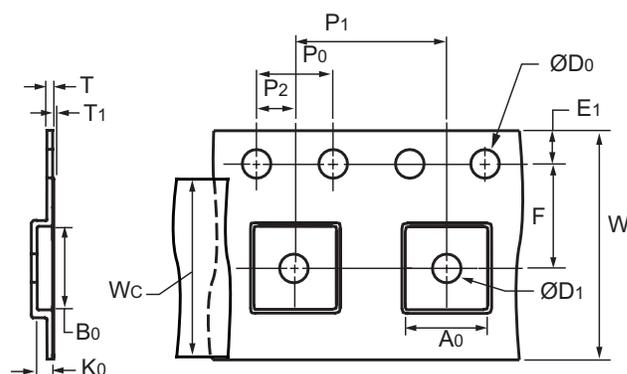


7 lead Non JEDEC standard
PSOF with exposed current
sensing loop fused with primary
leads



- Embossed tape and reel
- 3000 pieces per 13 in. reel
- 25 min. trailer pockets
- 55 min. leader pockets
- Contacts inward
- Pin 1 on trailing device edge, sprocket hole side

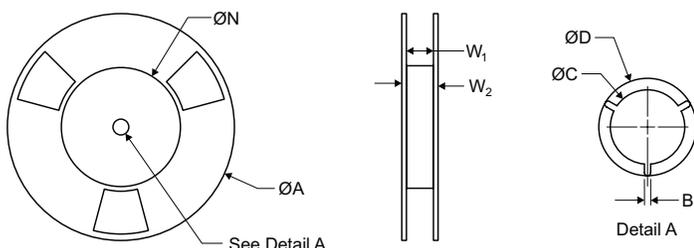
Leader pockets are the first off the reel when the tape is unreeled for dispensing devices. Trailer pockets are the last pockets off the reel when unreeled for dispensing devices.



Dimensions in mm, may vary with supplier

Carrier Tape			Cover Tape
W: 16.00	D ₀ : 1.50	A ₀ : 6.70	W _C : 13.3 T ₁ : 0.062
E ₁ : 1.75	P ₀ : 4.00	B ₀ : 6.70	
F: 7.5	P ₁ : 8.00	K ₀ : 1.80	
T: 0.30	P ₂ : 2.00	D ₁ : 1.50	

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



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

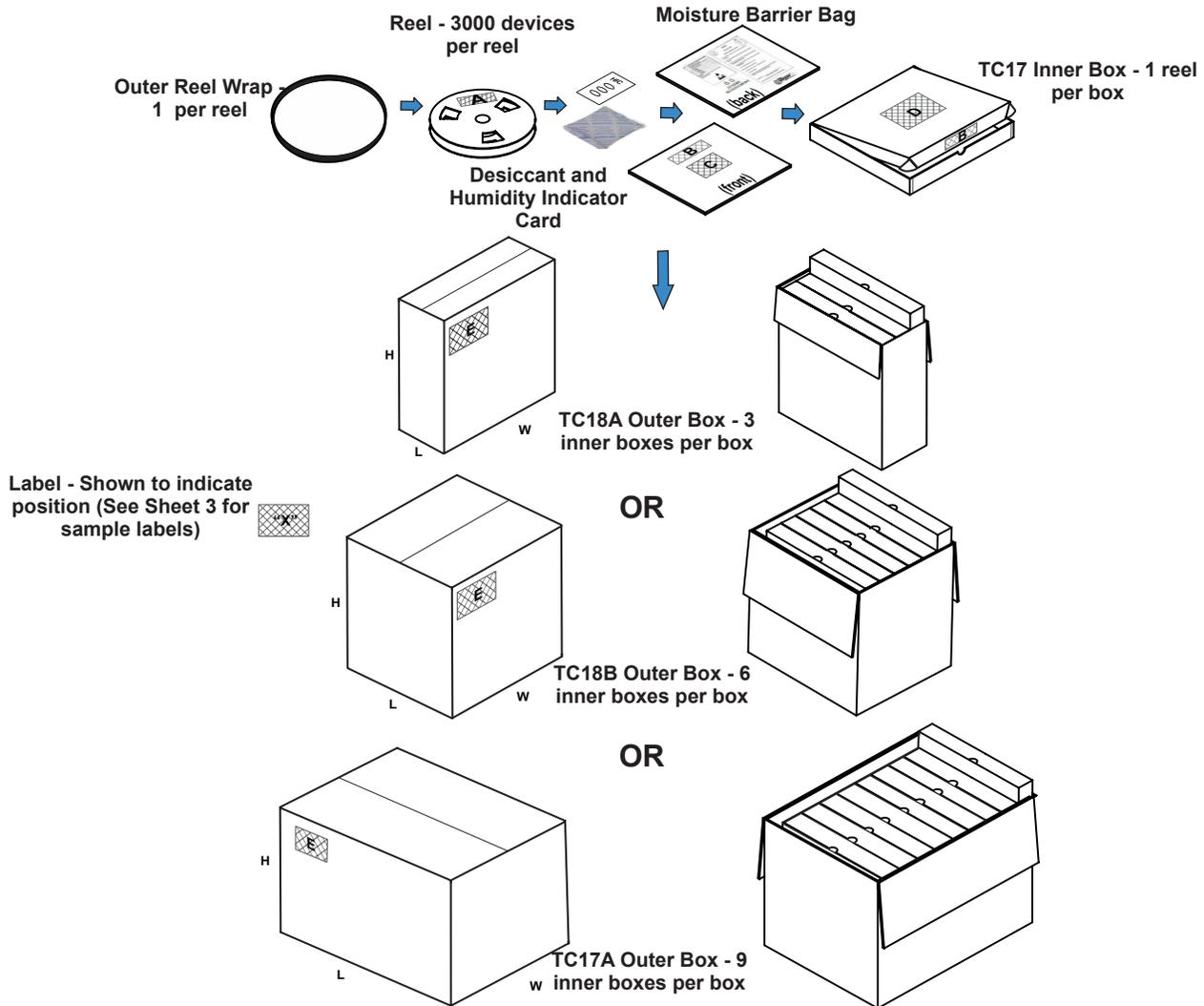
Dimensions in mm

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)		

Refr EIA 481

Carton Details *

LR-7 Package, TR Suffix



Carton Dimensions (mm)

Type	Length	Width	Height	Inner Carton Standard Quantity	Outer Carton Standard Quantity
TC17	351	364	56	3,000	
TC18A	188	380	365		9,000
TC18B	380	368	365		18,000
TC17A	536	403	400		27,000

* 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.

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Labels

Examples Shown for Content - Labels Not to Scale

Production Reel Label [A]

	Part No: XXXXXXXXXXXXXXXXXXXXXXXX	Date: 20150106
	Catalog: XXXXXXXXXXXXXXXXXXXXXXXX-X	MS-Level: 3
	Qty: XXXX	Moisture Sensitive Device
	Lot 1: 1234567ABCD Qty 1: XXXX	Peak Reflow: 260C
	Lot 2: N/A Qty 2: 0	

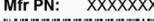
 Reel  

Production Box Flap/ Bag Label [B]

	Part No: XXXXXXXXXXXXXXXXXXXXXXXX	Date: 20150106
	Catalog: XXXXXXXXXXXXXXXXXXXXXXXX-X	MS-Level: 3
	Qty: XXXX	Moisture Sensitive Device
	Lot 1: 1234567ABCD Qty 1: XXXX	Peak Reflow: 260C
	Lot 2: N/A Qty 2: 0	

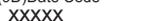
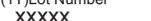
  

1D Production Label [C]

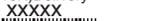
Allegro MicroSystems, LLC 	
Cust PN: XXXXXXXXXXXX	
	
Mfr PN: XXXXXXXXXXXX	
	
Alg In: XXXXXXXXXXXX	
	
Lot 1: 9999999XXXX	Qty 1: 1000
	
Lot 2: N/A	Qty 2: 0
	
D/C: 0101	Total Qty: 1000
	

Bag  

Inner Carton Label [D]

Allegro MicroSystems LLC		
(1K)Sales Order Number XXXXX 	(P)Customer Part Number XXXXX 	(Q)Quantity XXXXX 
(9D)Date Code XXXXX 	(1T)Lot Number XXXXX 	 Lot Number
(16K)Delivery XXXXX 	(1P)Manufacturer Part # XXXXX 	
(K)Purchase Order Number XXXXX 	   Br. Cl. F. I	
Manufacturer ALLEGRO MICROSYSTEMS LLC		
Made in XXXXXX		
 Customer Part #		

Outer Carton Label [E]

Allegro MicroSystems LLC		
(1K)Sales Order Number XXXXX 	(P)Customer Part Number XXXXXXXXXXXXX 	 Customer Part #
(16K)Delivery XXXXX 	(Q)Quantity XXXXX 	
(1P)Manufacturer Part # XXXXX 	   Br. Cl. F. I	
(K)Purchase Order Number XXXXX 	Manufacturer ALLEGRO MICROSYSTEMS LLC	
Made in XXXXXX		
 Customer Part #		



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Revision History

Revision No.	Date	ECN No.	Description
0	07/08/2016	OI	ORIGINAL RELEASE

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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