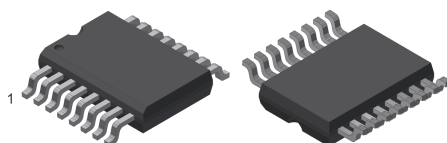
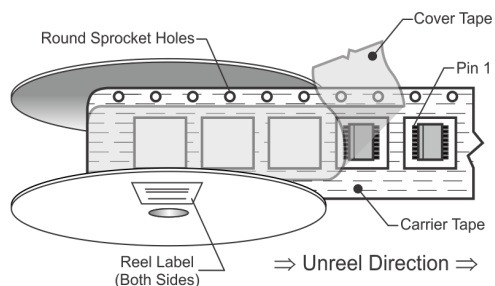


Packing Information

MC-16 Package, TR Suffix

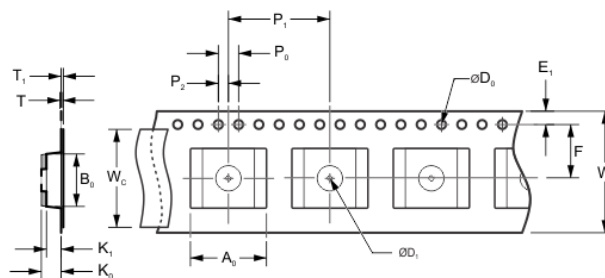


Terminals: 16
Gull-wing pins
Wide body
SOIC16
Non-JEDEC Standard



- Embossed tape and reel
- 800 devices per 13 in. reel
- 20 min. trailer pockets
- 40 min. leader pockets
- Branded face outward
- 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.

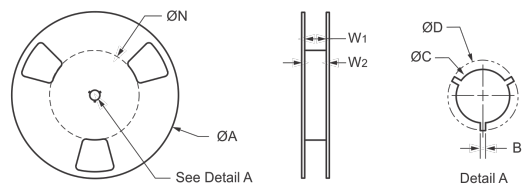


Dimensions in mm, may vary with supplier

Carrier Tape			Cover Tape
W: 24.00 ±.3	D ₀ : 1.50 +.1/-0	A ₀ : 15.00	W _C : 21.0 T ₁ : 0.061 (0.1 MAX)
E ₁ : 1.75 ±.1	P ₀ : 4.00 ±.1	B ₀ : 11.80	
F: 11.50 ±.15	P ₁ : 20.00 ±.1	K ₀ : 3.90	
T: 0.30 (0.6 MAX)	P ₂ : 2.00 ±.1	K ₁ : 2.90	
		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

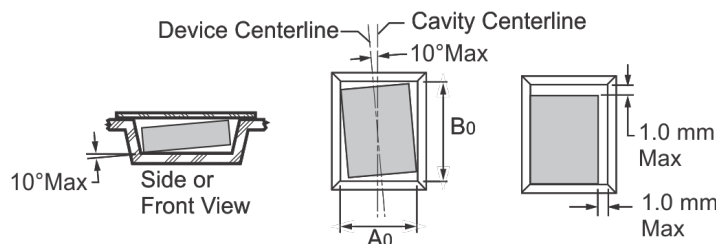


Access hole and hub configuration may vary at supplier discretion within limits shown

Dimensions in mm

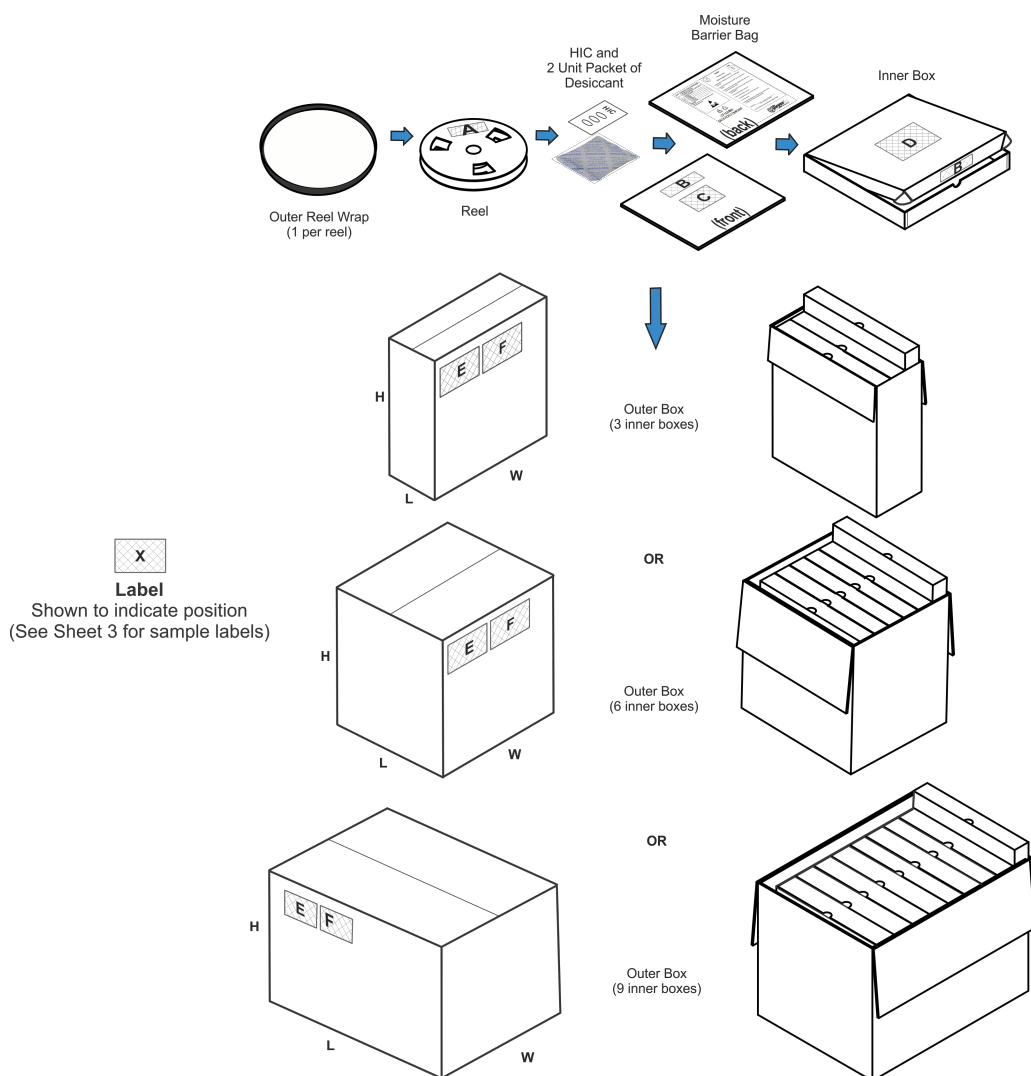
Type	A	B	C	D	N
Plastic 13 in.	330 (Nom)	1.5 (Min)	13 +0.5 / -0.2	20.2 (Min)	102 (Nom)
W1 (inside, at hub)			24.4 (Min)		
W2 (outside, at hub)			30.4 (Max)		

Reference EIA 481



Reference EIA 481

MC-16 Package, TR 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.

MC-16 Package, TR Suffix


Reel Production Label [A]
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

ALLEGRO microsystems MS-Level (13E) 2
Reel _____ Date (12D) 2019-01-01  





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






ALLEGRO microsystems MS-Level (13E) 2
Reel _____ Date (12D) 2019-01-01  

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







Allegro MicroSystems Manchester, NH 03103 USA		 ALLEGRO microsystems
Cust PN: 999999XXX-XXX99999XX_000000000		
Mfr PN: 999999XXX-XXX99999XX_000000000		 EU RoHS Compliant
Alg In: 000000XXX-XXX00000XX		
Lot 1: 1234567XXX	Qty 1: 10000	 US
Lot 2: 1234567XXX	Qty 2: 5000	
D/C: 1234	Total Qty: 15000	

Bag


Inner Carton Label [D]
101.6mm x 165.1mm

ALLEGRO microsystems Allegro MicroSystems Manchester, NH 03103, USA		(4L) Made In United States
(P) Customer Part A12345XXXX-XXXXXXXX-000000000	(1K) Sales Order 00000000	 US  EU RoHS Compliant   Br. Cl. F. I
(1P) Manufacturer Part A12345XXXX-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

ALLEGRO microsystems Allegro MicroSystems Manchester, NH 03103, USA		(4L) Made In United States
(P) Customer Part A12345XXXX-XXXXXXXX-000000000	(1K) Sales Order 00000000	 US  EU RoHS Compliant   Br. Cl. F. I
(1P) Manufacturer Part A12345XXXX-XXXXXXXX-000000000	(Q) Quantity 100000	
(K) Purchase Order 000000000-000000000	(16K) Delivery 00000000	
		
		

Outer Carton Address Label [F]
101.6mm x 165.1mm

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

MC-16 Package, TR Suffix

Revision History

Revision No.	Date	ECN No.	Description
0	2021-04-09	OI	ORIGINAL ISSUE

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.

© 2021, Allegro MicroSystems

Allegro MicroSystems reserves the right to make, from time to time, such departures from the detail specifications as may be required to permit improvements in the performance, reliability, or manufacturability of its products. Before placing an order, the user is cautioned to verify that the information being relied upon is current.

Allegro's products are not to be used in life support devices or system, if a failure of an Allegro product can reasonably be expected to cause the failure of that life support device or system, or to affect the safety or effectiveness of that device or system.

The information included herein is believed to be accurate and reliable. However, Allegro MicroSystems assumes no responsibility for its use; nor for any infringement of patents or other rights of third parties which may result from its use.

Allegro MicroSystems
955 Perimeter Road
Manchester, New Hampshire 03103-3353
U.S.A.
1.603.626.2300 | www.allegromicro.com