

## Mechanical Data

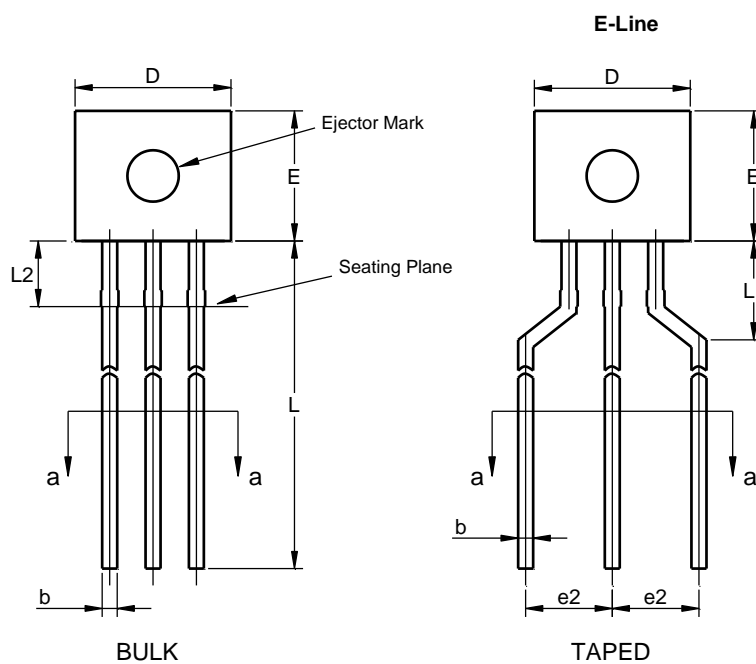
- E-line Through-Hole Package
- TO-92 Compatible
- Weight: 0.159 grams (Approximately)
- Max Soldering Temperature +260°C for 30secs as per JEDEC J-STD-020
- Case Material – Molded Plastic, UL Flammability Rating 94V-0
- Terminals: Finish – Matte Tin Plated Leads, Solderable per MIL-STD-202, Method 208 (e3)

## Package View

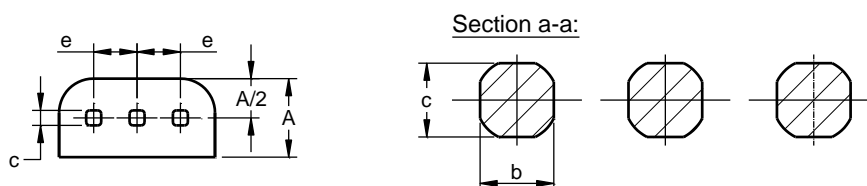


Flat Face View

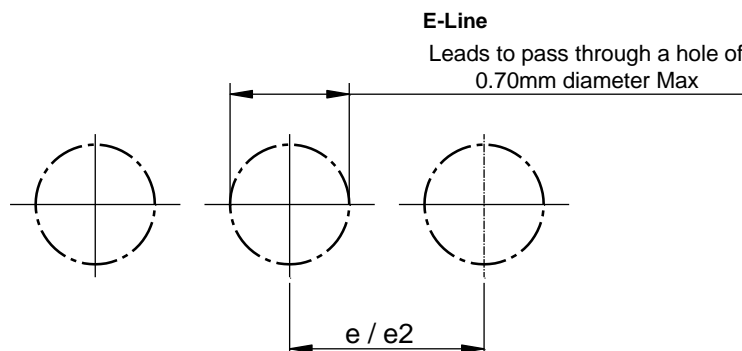
## Package Outline Dimensions



E-Line			
Dim	Min	Max	Typ
A	2.16	2.41	2.28
b	0.41	0.49	0.44
c	0.41	0.49	0.44
D	4.37	4.77	4.57
E	3.61	4.01	3.90
e	1.27 REF		
e2	2.54 REF		
L	13.00	13.97	13.50
L1	2.50	3.50	--
L2	--	--	2.50
All Dimensions in mm			



## Suggested Pad Hole



**Note:** For high voltage applications, the appropriate industry sector guidelines should be considered with regards to creepage and clearance.

## Minimum Packing Quantity

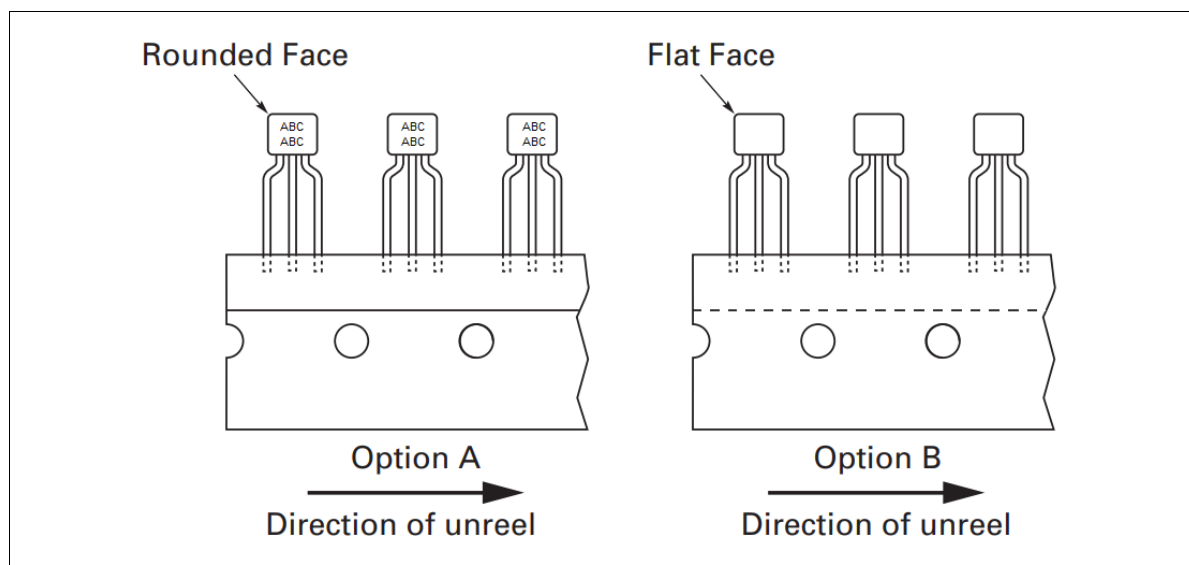
	Quantity per Box	Leads	Part Number Suffix
<b>Bulk - Loose</b>	4,000	Straight	No suffix
<b>Taped in Ammo Pack</b>	2,000	Joggled	STZ

**Note:** Package quantities given are for minimum packaging quantity only, not minimum order quantity. For minimum order quantity, please contact Sales Department.

**Note:** No mixed date codes or partial quantity (less than minimum packaging quantity) per packaging is allowed.

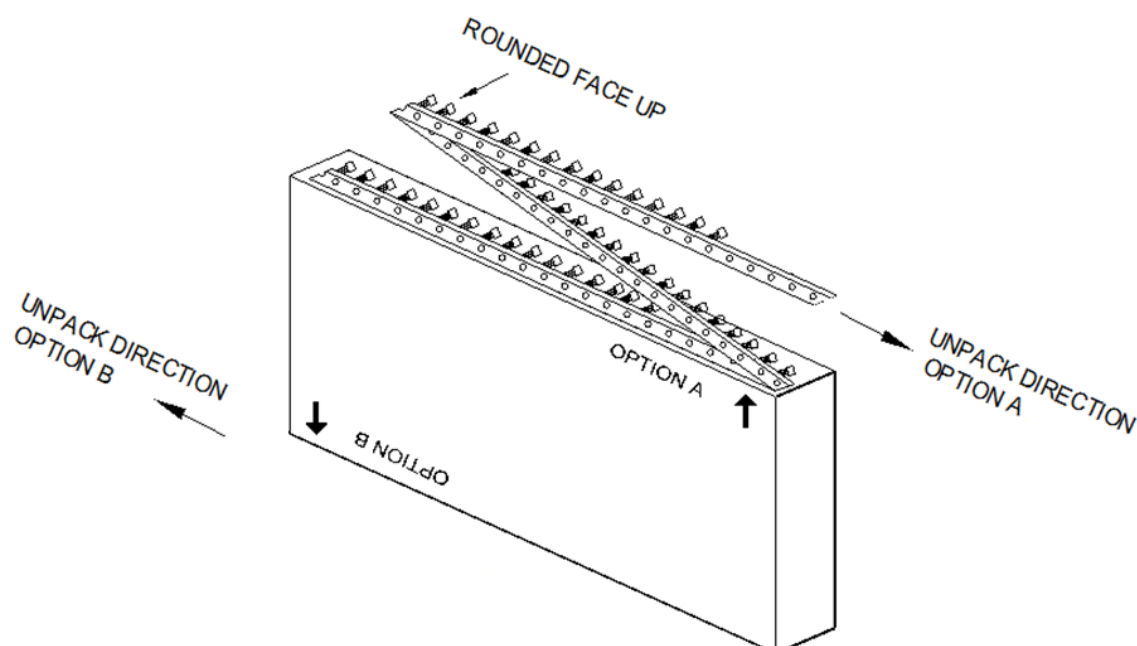
**Note:** In no case shall there be two or more consecutive components missing from any reel for any reason.

## E-Line Tape and Ammo Packing Orientation

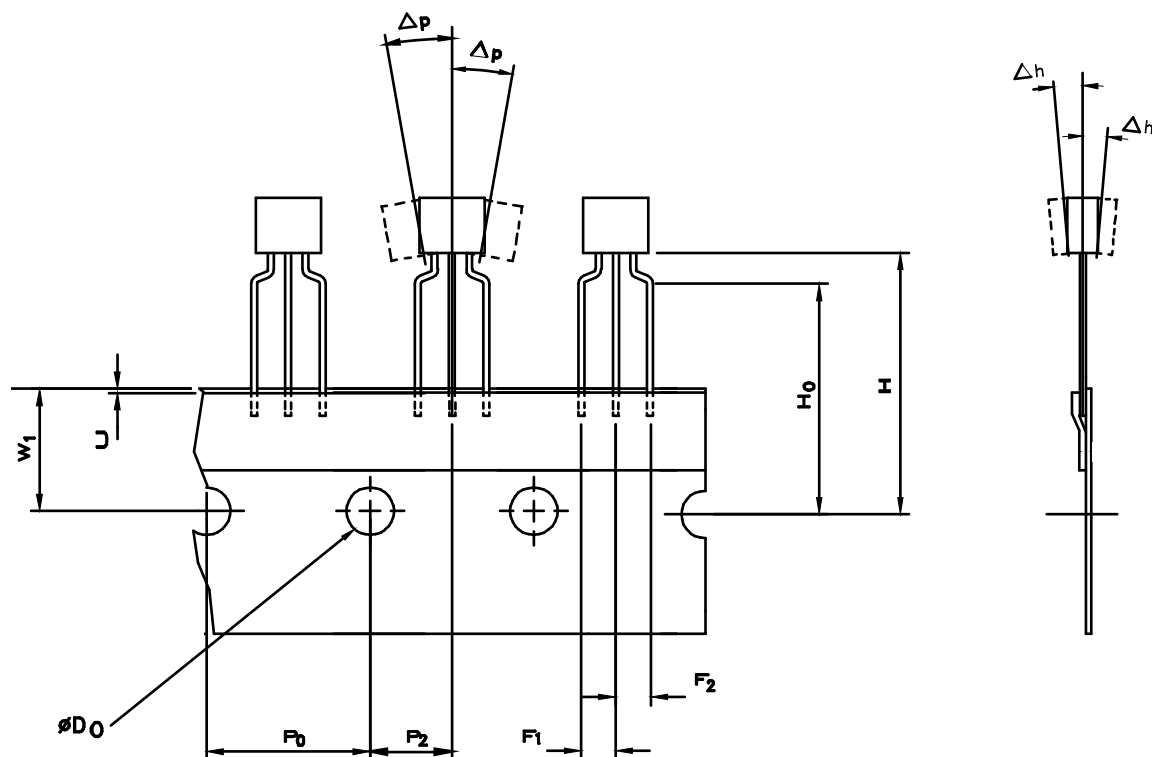


Note: For MOSFET pinout, substitute C=D, B=G and E=S

Note: Part marking is on the rounded face

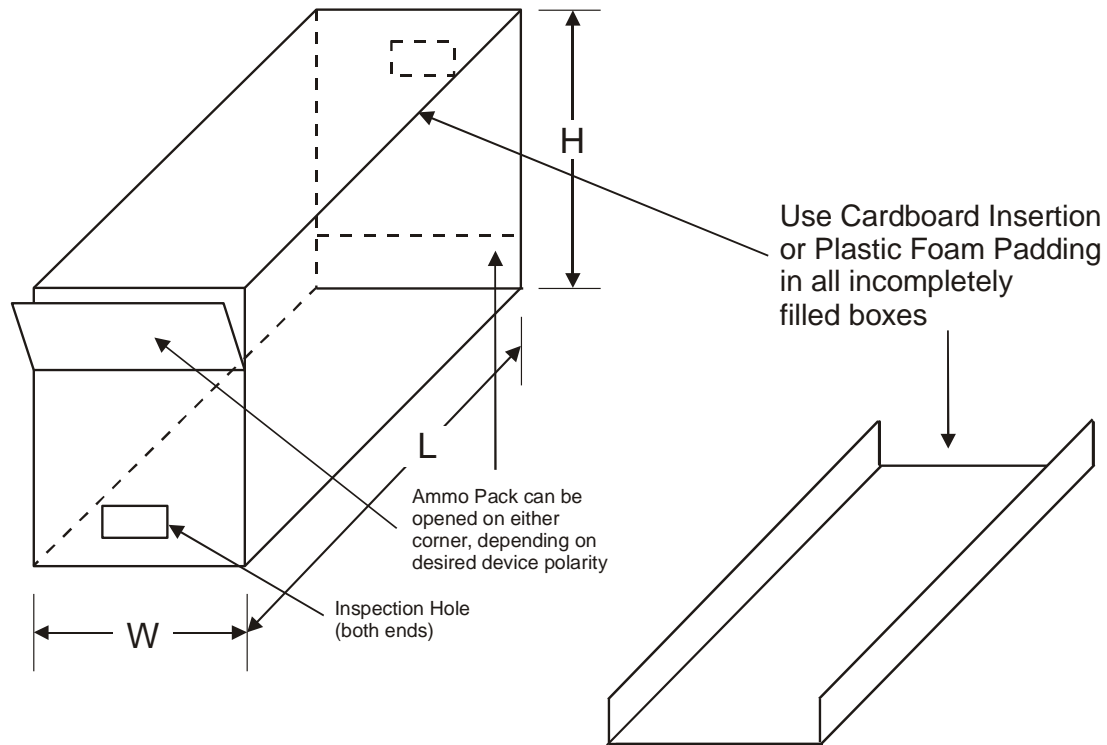


## E-line Ammo Tape Specifications



SYMBOL	ITEM DESCRIPTION	VALUE (mm)	
		Minimum	Maximum
1	$\phi D_0$	3.8	4.2
2	$P_0$	12.4	13.0
3	$P_2$	5.95	6.75
4	$F_1, F_2$	2.44	2.94
5	$H$	18.0	20.0
6	$\Delta h, \Delta h,$	-2.0	2.0
7	$\Delta p, \Delta p$	-1.0	1.0
8	$H_0$	15.5	16.5
9	$w_1$	8.5	9.5
10	$U$	0	0.5

## Ammo Pack Specifications



AMMO PACK		
H - Height (mm)	W - Width (mm)	L - Length (mm)
150	40	220

**Note:** Material - corrugated board (neutral)

**Note:** Thickness - 3.00±0.5mm (0.12±0.02")

**Note:** For label dimensions and label placements see AP02006