

# MECHANICAL CASE OUTLINE

## PACKAGE DIMENSIONS

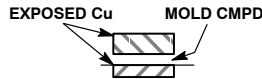
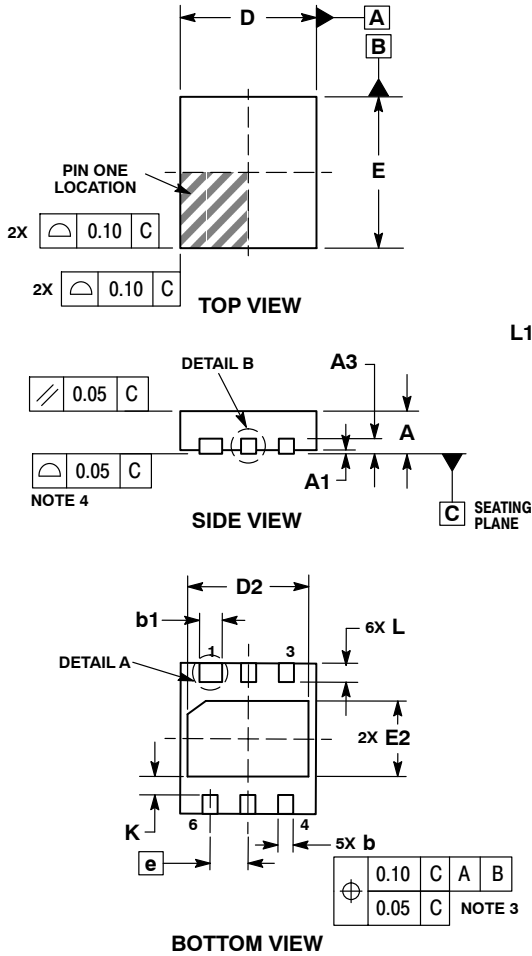
ON Semiconductor®



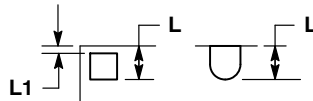
SCALE 4:1

UDFN6, 1.8x2, 0.5P  
CASE 517BA-01  
ISSUE A

DATE 08 SEP 2009



**DETAIL B**  
OPTIONAL  
CONSTRUCTIONS



**DETAIL A**  
OPTIONAL  
CONSTRUCTIONS

**NOTES:**

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.20mm FROM THE TERMINAL TIP.
4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

DIM	MILLIMETERS	
	MIN	MAX
A	0.50	0.60
A1	0.00	0.05
A3	0.20 REF	
b	0.15	0.30
b1	0.20	0.40
D	1.80 BSC	
D2	1.50	1.70
E	2.00 BSC	
E2	0.90	1.10
e	0.50 BSC	
K	0.20	---
L	0.15	0.35
L1	---	0.10

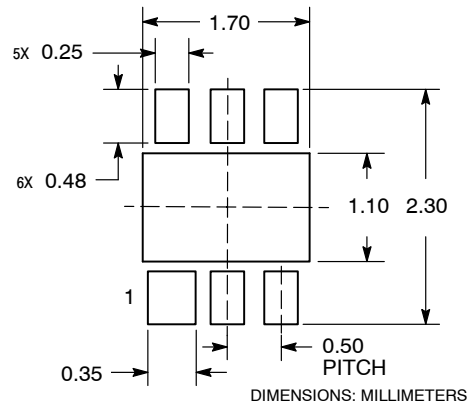
**GENERIC MARKING DIAGRAM\***



XXXX = Specific Device Code  
MM = Lot Number

\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "▪", may or may not be present.

**RECOMMENDED MOUNTING FOOTPRINT\***



\*For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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<b>DESCRIPTION:</b>	<b>UDFN6 1.8X2, 0.5P</b>	<b>PAGE 1 OF 1</b>

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