

**DATE 22 JAN 2015** 

- NOTES:
  1. DIMENSIONING AND TOLERANCING PER
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994. CONTROLLING DIMENSION: MILLIMETERS. DIMENSION to APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30 MM FROM TERMINAL TIP. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

	MILLIMETERS		
DIM	MIN	MAX	
Α	0.45	0.55	
A1	0.00	0.05	
A3	0.125 REF		
b	0.20	0.30	
D	3.00 BSC		
D2	2.40	2.60	
E	3.00 BSC		
E2	1.60	1.80	
е	0.50 BSC		
K	0.20		
L	0.30	0.50	
L2	0.15 REF		

## **GENERIC MARKING DIAGRAM\***



= Assembly Location Α

= Wafer Lot

= Year

= Work Week W = Pb-Free Package

(Note: Microdot may be in either location)

\*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.

		ISSUE A
CALE 4:1	D >	A B
PIN ONE REFERENCE  2X  2X  2X		E
○ 0.10 C	TOP VIEW	
0.10 C 0.08 C NOTE 4	A3 A	SEATING PLANE
L2	D2  1  6  6  1  1  1  1  1  1  1  1  1  1	12X K E2  0.10 C A B 0.05 C NOTE 3
	BOTTOM VIEW	NOTE 3

## 12X 0.58 1.80 3.30

SOLDERING FOOTPRINT\* 2.60 0.32

> 0.50 PITCH DIMENSIONS: MILLIMETERS

0.46 -

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DESCRIPTION:	UDFN12 3 X 3, 0.5P	PAGE 1 OF 2

<sup>\*</sup>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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PAGE 2 OF 2

ISSUE	REVISION	DATE	
0	RELEASED FOR PRODUCTION. REQ. BY J. SAMUDIO.	13 JUL 2007	
Α	CHANGED DIMENSION A3 FROM 0.07MM TO 0.125MM. REQ. BY J. FROHLICH.	22 JAN 2015	

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