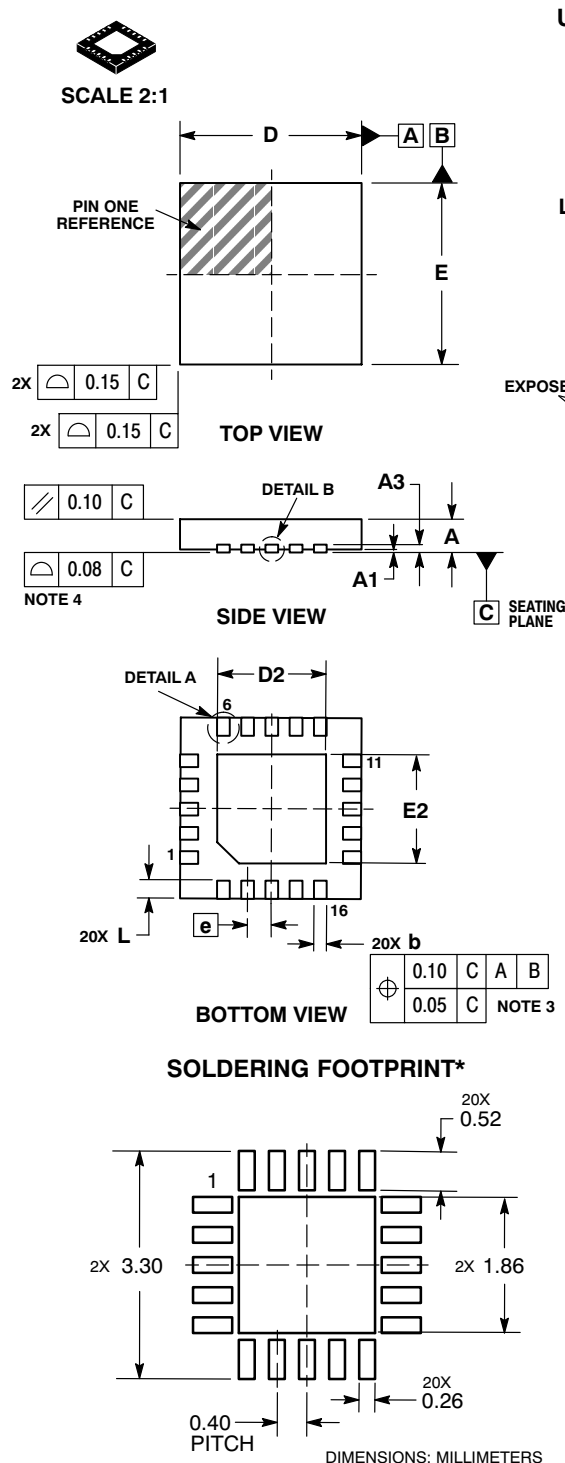


# MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®

ON



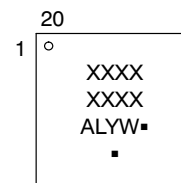
**UQFN20 3x3, 0.4P**  
CASE 523AL-01  
ISSUE O

DATE 15 APR 2008

- 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 0.30mm FROM TERMINAL.
  4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

MILLIMETERS		
DIM	MIN	MAX
A	0.45	0.55
A1	0.00	0.05
A3	0.13 REF	
b	0.15	0.25
D	3.00 BSC	
D2	1.70	1.90
E	3.00 BSC	
E2	1.70	1.90
e	0.40 BSC	
L	0.20	0.40
L1	0.00	0.15

## GENERIC MARKING DIAGRAM\*




XXXX = Specific Device Code  
A = Assembly Location  
L = Wafer Lot  
Y = Year  
W = Work Week  
▪ = 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", may or not be present.

\*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>NEW STANDARD:</b>		
<b>DESCRIPTION:</b>	<b>UQFN20 3X3, 0.4P</b>	<b>PAGE 1 OF 2</b>

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