**WLCSP6, 0.80x1.20**
CASE 567FY
ISSUE B

**SCALE 4:1**

DATE 15 SEP 2016
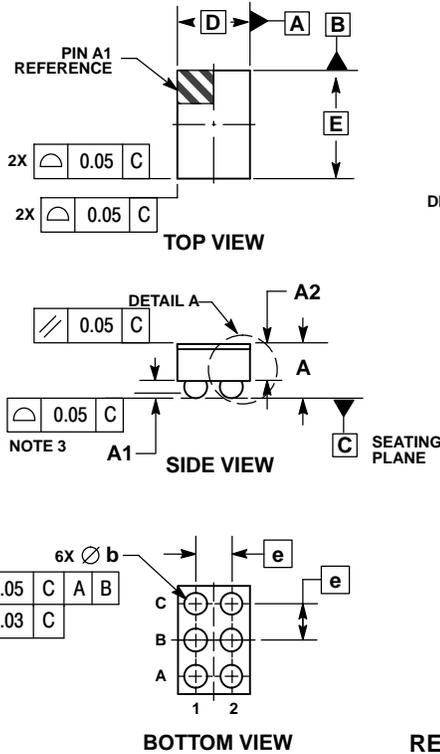
NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. COPLANARITY APPLIES TO SPHERICAL CROWNS OF SOLDER BALLS.

PIN A1 REFERENCE

2X △ 0.05 C

2X △ 0.05 C

**TOP VIEW**

DIE COAT — A3

**DETAIL A**

| DIM | MILLIMETERS | |
|-----|-----|-----|
| | MIN | MAX |
| A | ––– | 0.60 |
| A1 | 0.17 | 0.23 |
| A2 | 0.28 REF | |
| A3 | 0.04 REF | |
| b | 0.21 | 0.25 |
| D | 0.80 BSC | |
| E | 1.20 BSC | |
| e | 0.40 BSC | |

DETAIL A

A2

// 0.05 C

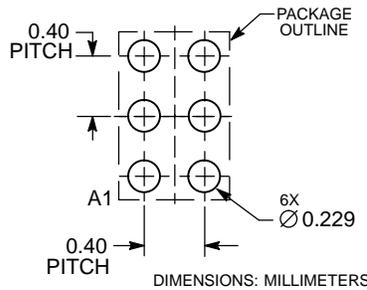A

△ 0.05 C

NOTE 3  A1  **SIDE VIEW**

C  SEATING PLANE

## GENERIC MARKING DIAGRAM*

XXX
AYW

A = Assembly Location
Y = Year
W = Work Week

*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.

6X ⌀ b

| ⊕ | 0.05 | C | A | B |
|---|---|---|---|---|
| | 0.03 | C | | |

e

C
B
A
1  2

**BOTTOM VIEW**

## RECOMMENDED SOLDERING FOOTPRINT*

PACKAGE OUTLINE

0.40 PITCH

A1

6X ⌀ 0.229

0.40 PITCH

DIMENSIONS: MILLIMETERS

*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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|---|---|---|
| STATUS: | ON SEMICONDUCTOR STANDARD | |
| NEW STANDARD: | | |
| DESCRIPTION: | WLCSP6, 0.80X1.20 | PAGE 1 OF 2 |

| ISSUE | REVISION | DATE |
|---|---|---|
| O | RELEASED FOR PRODUCTION. REQ. BY J. SAMUDIO. | 17 JUL 2012 |
| A | UPDATED DIMENSIONS A AND A1 AND ADDED GENERIC MARKING DIAGRAM. REQ. BY R. AVILA. | 25 JUL 2013 |
| B | REMOVED PB–FREE DOT FROM MARKING DIAGRAM. REQ. BY S. RAO. | 15 SEP 2016 |
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