

DATE 09 OCT 2012

NOTES:

- DIMENSIONING AND TOLERANCING PER ASME
 Y14 5M 1994
- Y14.5M, 1994. CONTROLLING DIMENSION: MILLIMETERS.
- DIMENSION & DOES NOT INCLUDE DAMBAR
 PROTRUSION. ALLOWABLE PROTRUSION SHALL BE
 0.07 mm MAX. AT MAXIMUM MATERIAL CONDITION.
 DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OF THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND ADJACENT LEAD IS 0.07.
- 4. DIMENSION D DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15 mm PER SIDE. DIMENSION D IS DETERMINED AT DATUM H.
- DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSIONS. INTERLEAD FLASH OR PROTRUSIONS SHALL NOT EXCEED 0.25 mm PER SIDE. DIMENSION E1 IS DETERMINED AT DATUM H.
- DATUMS A AND B ARE DETERMINED AT DATUM H.
 AI IS DEFINED AS THE VERTICAL DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT ON THE PACKAGE BODY.
- 8. SECTION B-B TO BE DETERMINED AT 0.10 TO 0.25 mm FROM THE LEAD TIP.

	MILLIMETERS		
DIM	MIN	MAX	
Α		1.20	
A1	0.05	0.15	
A2	0.80	1.05	
b	0.19	0.30	
b1	0.19	0.25	
С	0.09	0.20	
c1	0.09	0.16	
D	4.90	5.10	
D2	3.09	3.62	
E	6.40 BSC		
E1	4.30	4.50	
E2	2.69	3.22	
е	0.65 BSC		
L	0.45	0.75	
L2	0.25 BSC		
М	0 °	8°	

RECOMMENDED GENERIC SOLDERING FOOTPRINT* 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" or microdot " "", may or may not be present.

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3.06				_	6.70
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PITCH DIMENSIONS: MILLIMETERS

0.65

*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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ISSUE	REVISION	DATE
0	RELEASED FOR PRODUCTION. REQ. BY J. KREMMER.	12 JAN 2012
Α	CHANGED DATUM SCHEME FOR GD&T. REQ. BY J. KREMMER.	26 JAN 2012
В	CHANGED DIMENSION D2 TO 3.09 MIN & 3.35 MAX. REQ. BY J. KREMMER.	02 MAR 2012
С	UPDATED EXPOSED PAD DIMENSIONS. REQ. BY J. KREMMER.	09 OCT 2012

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