

SCALE 2:1

SC-59 CASE 318D-04 ISSUE H

**DATE 28 JUN 2012** 

## NOTES:

- 1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982. 2. CONTROLLING DIMENSION: MILLIMETER.

	MILLIMETERS			INCHES		
DIM	MIN	NOM	MAX	MIN	MOM	MAX
Α	1.00	1.15	1.30	0.039	0.045	0.051
A1	0.01	0.06	0.10	0.001	0.002	0.004
b	0.35	0.43	0.50	0.014	0.017	0.020
С	0.09	0.14	0.18	0.003	0.005	0.007
D	2.70	2.90	3.10	0.106	0.114	0.122
E	1.30	1.50	1.70	0.051	0.059	0.067
е	1.70	1.90	2.10	0.067	0.075	0.083
L	0.20	0.40	0.60	0.008	0.016	0.024
HE	2.50	2.80	3.00	0.099	0.110	0.118

## **GENERIC MARKING DIAGRAM**



XXX = Specific Device Code

Μ = Date Code

= Pb-Free Package\*

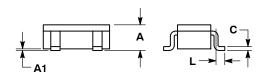
(\*Note: Microdot may be in either location)

\*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.

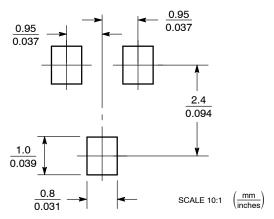
STYLE 1:		STYLE 2:		STYLE 3:	
PIN 1.	BASE	PIN 1.	ANODE	PIN 1.	ANODE
2.	EMITTER	2.	N.C.	2.	ANODE
3.	COLLECTOR	3.	CATHODE	3.	CATHODE

STYLE 4: STYLE 5: STYLE 6: PIN 1. CATHODE 2. N.C. 3. ANODE PIN 1. CATHODE 2. CATHODE 3. ANODE PIN 1. ANODE 2. CATHODE 3. ANODE/CATHODE

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## **SOLDERING 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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