

HE

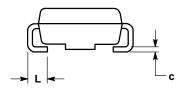
Ε

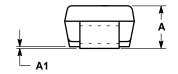
**SMA** CASE 403D **ISSUE H** 

**DATE 23 SEP 2015** 

- NOTES:
  1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M,
  - 1982. CONTROLLING DIMENSION: INCH.
- 3. DIMENSION b SHALL BE MEASURED WITHIN DIMENSION L.

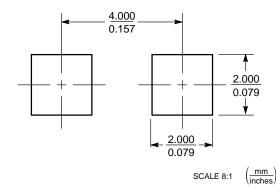
	MILLIMETERS			INCHES		
DIM	MIN	NOM	MAX	MIN	NOM	MAX
Α	1.97	2.10	2.20	0.078	0.083	0.087
A1	0.05	0.10	0.20	0.002	0.004	0.008
b	1.27	1.45	1.63	0.050	0.057	0.064
С	0.15	0.28	0.41	0.006	0.011	0.016
D	2.29	2.60	2.92	0.090	0.103	0.115
E	4.06	4.32	4.57	0.160	0.170	0.180
HE	4.83	5.21	5.59	0.190	0.205	0.220
L	0.76	1.14	1.52	0.030	0.045	0.060





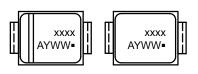
## **SOLDERING FOOTPRINT\***

POLARITY INDICATOR OPTIONAL AS NEEDED (SEE STYLES)



<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.

## **GENERIC MARKING DIAGRAM\***



STYLE 2 STYLE 1

= Specific Device Code XXXX = Assembly Location Α Υ = Year

WW = Work Week = Pb-Free Package

\*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: PIN 1. CATHODE (POLARITY BAND)

STYLE 2: NO POLARITY

DOCUMENT NUMBER:	98AON04079D	
STATUS:	ON SEMICONDUCTOR STANDARD	
NEW STANDARD:		
DESCRIPTION:	SMA	

Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.

PAGE 1 OF 2



DOCUMENT	NUMBER:
98AON04079	D

PAGE 2 OF 2

ISSUE	REVISION	DATE				
В	ADDED POLARITY NOTE AND STYLES. REQ. BY D. CULBERTSON.	10 FEB 2005				
С	ADDED NOMINAL VALUES AND UPDATED MARKING DIAGRAM. REQ. BY HONG XIAO.	03 AUG 2005				
D	CORRECTED A DIMENSIONS TO 1.92, 2.17, 2.27 MM & 0.076, 0.085, 0.089 INCH. REQ. BY D. TRUHITTE.	24 OCT 2007				
Е	CORRECTED A DIMENSIONS TO 1.97, 2.10, 2.20 MM. REQ. BY D. TRUHITTE.	03 OCT 2008				
F	CORRECTED A DIMENSIONS TO 0.078, 0.083, 0.087 INCH. REQ. BY D. TRUHITTE.	11 NOV 2008				
G	CORRECTED MAX A1 DIMENSIONS TO 0.20 MM & 0.008 INCH. REQ. BY D. KNUDSEN.	17 JUL 2012				
Н	REMOVED -02 FROM CASE CODE VARIANT. REQ. BY N. CALZADA.	23 SEP 2015				

ON Semiconductor and the registered trademarks of Semiconductor Components Industries, LLC (SCILLC). SCILLC reserves the right to make changes without further notice to any products herein. SCILLC makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does SCILLC assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. "Typical" parameters which may be provided in SCILLC data sheets and/or specifications can and do vary in different applications and actual performance may vary over time. All operating parameters, including "Typicals" must be validated for each customer application by customer's technical experts. SCILLC does not convey any license under its patent rights nor the rights of others. SCILLC products are not designed, intended, or authorized for use as components in systems intended for surgical implant into the body, or other applications intended to support or sustain life, or for any other application in which the failure of the SCILLC product could create a situation where personal injury or death may occur. Should Buyer purchase or use SCILLC products for any such unintended or unauthorized application, Buyer shall indemnify and hold SCILLC and its officers, employees, subsidiaries, affiliates, and distributors harmless against all claims, costs, damages, and expenses, and reasonable attorney fees arising out of, directly or indirectly, any claim of personal injury or death associated with such unintended or unauthorized use, even if such claim alleges that SCILLC was negligent regarding the design or manufacture of the part. SCILLC is an Equal Opportunity/Affirmative Action Employer. This literature is subject to all applicable copyright laws and is not for resale in any manner.