## MECHANICAL CASE OUTLINE

### PACKAGE DIMENSIONS





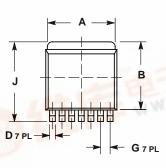
SCALE 1:1

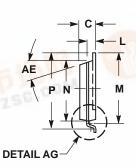
# PowerFLEX<sup>™</sup>, 7 LEAD CASE 936J–01 **ISSUE O**

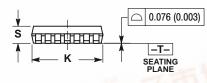
#### **DATE 10/22/2002**

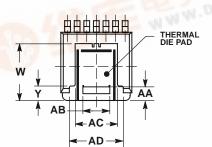
- 1. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M, 1982.
  CONTROLLING DIMENSION: INCH.
- DIMENSIONS A AND B DO NOT INCLUDE MOLD FLASH OR GATE PROTRUSIONS, MOLD FLASH AND GATE PROTRUSIONS NOT TO EXCEED 0.025 (0.635) MAX.

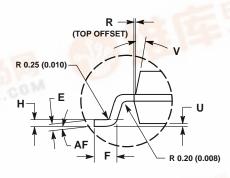
	INCHES		MILLIMETERS	
DIM	MIN	MAX	MIN	MAX
Α	0.350	0.360	8.89	9.14
В	0.350	0.360	8.89	9.14
С	0.070	0.080	1.78	2.03
D	0.026	0.030	0.66	0.76
Е	0.005	0.015	0.13	0.38
F	0.031	0.041	0.79	1.04
G	0.050 BSC		1.270 BSC	
Н	0.008	0.012	0.199	0.301
J	0.410	0.420	10.41	10.67
K	0.365	00.375	9.27	9.53
L	0.040 REF		1.02 REF	
M	0.361	0.367	9.16	9.31
N	0.310	0.320	7.87	8.13
P	0.394	0.400	10.00	10.16
R	0.002		0.05	
S	0.070	0.080	1.78	2.03
U	0.001	0.005	0.03	0.13
٧	12 °		12 °	
W	0.296 REF		7.52 REF	
Υ	0.075 REF		1.91 REF	
AA	0.071 REF		1.81 REF	
AB	0.140 REF		3.56 REF	
AC	0.220 REF		5.58 REF	
AD	0.281 REF		7.14 REF	
AE	12 °		12 °	
AF	3°	6°	3°	6°











**DETAIL AG** 

## **MARKING DIAGRAM**



= Specific Device Code = Assembly Location

= Wafer Lot = Year

= Work Week

PowerFLEX is a trademark of Texas Instruments Incorporated.

ON Semiconductor and www are 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 cities and its officers, employees, subsidiaries, affiliates, and distributors harmless against all claims, costs, damages, and expenses, and reasonable torney less arising out of, directly or indirectly, any claim of personal injury or death associated with such unintended or unauthorized use, even if such claim lieges that SCILLC was negligent regarding the design or manufacture of the part. SCILLC is an Equal Opportunity/Affirmative Action Employer.