

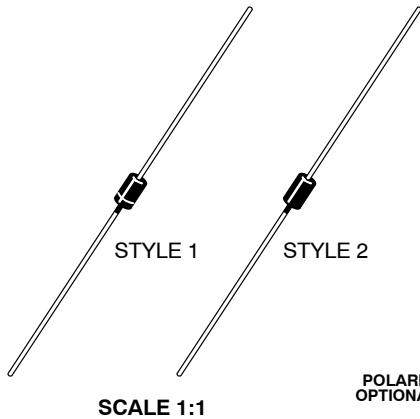
# MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®



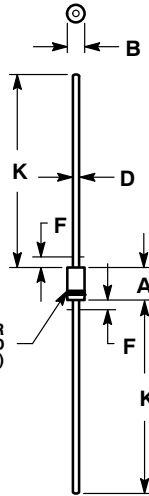
## AXIAL LEAD CASE 59AB ISSUE O

DATE 07 DEC 2011



SCALE 1:1

POLARITY INDICATOR  
OPTIONAL AS NEEDED  
(SEE STYLES)

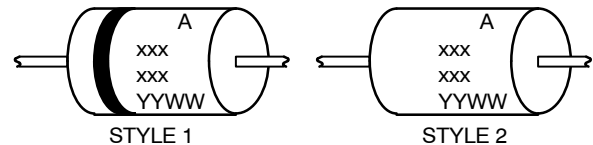


NOTES:

1. CONTROLLING DIMENSION: INCHES.
2. PACKAGE CONTOUR IS OPTIONAL WITHIN DIMENSIONS A AND B. HEAT SLUGS, IF ANY, SHALL BE WITHIN DIMENSION B BUT NOT SUBJECT TO ITS MINIMUM VALUE.
3. DIMENSION A DEFINES THE ENTIRE BODY INCLUDING HEAT SLUGS.
4. DIMENSION B IS MEASURED AT THE MAXIMUM DIAMETER OF THE BODY.
5. POLARITY SHALL BE DENOTED BY A CATHODE BAND.
6. LEAD DIAMETER, D, IS NOT CONTROLLED IN ZONE F.
7. ALL RULES AND NOTES ASSOCIATED WITH JEDEC DO-41 OUTLINE SHALL APPLY.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.161	0.205	4.10	5.20
B	0.079	0.106	2.00	2.70
D	0.028	0.034	0.71	0.86
F	---	0.050	---	1.27
K	0.540	---	13.70	---

### GENERIC MARKING DIAGRAM\*



STYLE 1:  
PIN 1. CATHODE (POLARITY BAND)  
2. ANODE

STYLE 2:  
NO POLARITY

xxxxxxx = Specific Device Code  
A = Assembly Location  
YY = Year  
WW = 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.

DOCUMENT NUMBER:	98AON66049E	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.
STATUS:	ON SEMICONDUCTOR STANDARD	
NEW STANDARD:		
DESCRIPTION:	AXIAL LEAD	PAGE 1 OF 2

