

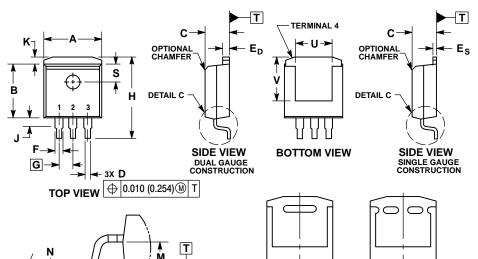


## D2PAK CASE 418AF ISSUE E

**BOTTOM VIEW** 

**OPTIONAL CONSTRUCTIONS** 

**DATE 15 SEP 2015** 



- DIMENSIONING AND TOLERANCING PER ANSI
  Y14.5M. 1982.

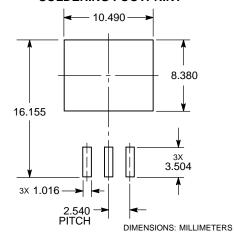
- Y14.5M, 1982.
  CONTROLLING DIMENSION: INCHES.
  TAB CONTOUR OPTIONAL WITHIN DIMENSIONS A AND K.
  DIMENSIONS U AND V ESTABLISH A MINIMUM MOUNTING SURFACE FOR TERMINAL 4.
- DIMENSIONS A AND B DO NOT INCLUDE MOLD FLASH OR GATE PROTRUSIONS. MOLD FLASH AND GATE PROTRUSIONS NOT TO EXCEED 0.025 (0.635) MAXIMUM.
- SINGLE GAUGE DESIGN WILL BE SHIPPED AFTER FPCN EXPIRATION IN OCTOBER 2011.

	INCHES		MILLIMETERS	
DIM	MIN	MAX	MIN	MAX
Α	0.386	0.403	9.804	10.236
В	0.356	0.368	9.042	9.347
С	0.170	0.180	4.318	4.572
D	0.026	0.036	0.660	0.914
ED	0.045	0.055	1.143	1.397
Es	0.018	0.026	0.457	0.660
F	0.051 REF		1.295 REF	
G	0.100 BSC		2.540 BSC	
Н	0.539	0.579	13.691	14.707
J	0.125 MAX		3.175 MAX	
K	0.050 REF		1.270 REF	
L	0.000	0.010	0.000	0.254
M	0.088	0.102	2.235	2.591
N	0.018	0.026	0.457	0.660
P	0.058	0.078	1.473	1.981
R	0°	8°	0°	8°
S	0.116 REF		2.946 REF	
U	0.200 MIN		5.080 MIN	
٧	0.250 MIN		6.350 MIN	

## **SOLDERING FOOTPRINT\***

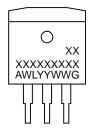
**DETAIL C** 

SEATING PLANE



\*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\***



XXXXX = Specific Device Code

= Assembly Location

WL = Wafer Lot ΥY = Year WW = Work Week G = Pb-Free Package

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STATUS:	ON SEMICONDUCTOR STANDARD		
NEW STANDARD:		"CONTROLLED COPY" in red.	
DESCRIPTION:	D2PAK, 3 LEAD, NON-CROPPED		PAGE 1 OF 2

<sup>\*</sup>This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G", may or not be present.



DOCUMENT	NUMBER:
98AON21981	D

PAGE 2 OF 2

ISSUE	REVISION	DATE
0	RELEASED FOR PRODUCTION. REQ. BY A. NOAH.	13 FEB 2006
Α	ADDED SOLDERING FOOTPRINT. REQ. BY M. FILLION.	18 JUN 2007
В	ADDED SINGLE AND DUAL GAUGE SIDE VIEWS AND BOTTOM VIEW. REQ. BY J. KREMMER.	08 NOV 2011
С	CORRECTED SOLDERING FOOTPRINT TO VERSION FROM ISSUE A. REQ. BY J. KREMMER.	13 APR 2012
D	CORRECTED SOLDERING FOOTPRINT BACK TO VERSION FROM ISSUE B. REQ. BY J. KREMMER.	24 MAY 2012
E	REVISED DIMENSION R FROM 5 DEGREES REFERENCE TO 0 & 8 DEGREES MIN & MAX. REQ. BY K. MUSTAFA.	15 SEP 2015

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