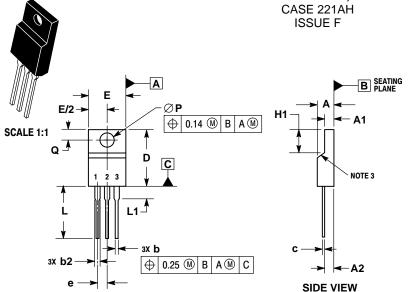
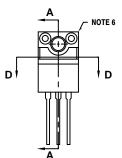
TO-220 FULLPACK, 3-LEAD CASE 221AH

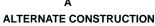
DATE 30 SEP 2014

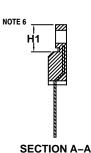




FRONT VIEW







STYLE 1: STYLE 2: PIN 1. MAIN TERMINAL 1 PIN 1. CATHODE MAIN TERMINAL 2 ANODE 2. 2 GATE GATE

NOTES:

- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
- 2. CONTROLLING DIMENSION: MILLIMETERS.
 3. CONTOUR UNCONTROLLED IN THIS AREA.
- 3. CONTOUR UNCONTROLLED IN THIS AREA.

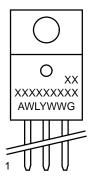
 4. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH AND GATE PROTRUSIONS. MOLD FLASH AND GATE PROTRUSIONS NOT TO EXCEED 0.13 PER SIDE. THESE DIMENSIONS ARE TO BE MEASURED AT OUTERMOST EXTREME OF THE PLASTIC BODY.

 5. DIMENSION b2 DOES NOT INCLUDE DAMBAR PROTRUSION. LEAD WIDTH INCLUDING PROTRUSION SHALL NOT EXCEED 2.00.

 6. CONTOURS AND FEATURES OF THE MOLDED PACKAGE BODY MAY VARY WITHIN THE ENVELOP DEFINED BY DIMENSIONS A1 AND H1 FOR MANUFACTURING PURPOSES.

	MILLIMETERS		
DIM	MIN	MAX	
Α	4.30	4.70	
A1	2.50	2.90	
A2	2.50	2.90	
b	0.54	0.84	
b2	1.10	1.40	
С	0.49	0.79	
D	14.70	15.30	
E	9.70	10.30	
е	2.54 BSC		
H1	6.60	7.10	
L	12.50	14.73	
L1		2.80	
P	3.00	3.40	
Q	2.80	3.20	

GENERIC MARKING DIAGRAM*



= Assembly Location

WL = Wafer Lot

= Year

WW = Work Week

G = 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.

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NEW STANDARD:			
DESCRIPTION:	TO-220 FULLPACK, 3-LEAD		PAGE 1 OF 2



DOCUMENT	NUMBER:
98AON52577	Έ

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ISSUE	REVISION	DATE
0	RELEASED FOR PRODUCTION. REQ. BY D. TRUHITTE.	10 AUG 2010
А	CHANGED DIMENSIONS D AND E. REQ. BY S. WINSTON.	09 AUG 2011
В	CHANGED DIMENSION H1. REQ. BY S. WINSTON.	07 SEP 2011
С	ADDED STYLES 1 AND 2. REQ. BY J. PEREZ.	13 JUN 2012
D	CHANGED DIMENSION L1 TO 2.10 MAX. REQ. BY D. VON BORSTEL.	19 FEB 2013
Е	CHANGED DIMENSION A2 MAX VALUE TO 2.90. REQ. BY D. TRUHITTE.	30 APR 2013
F	ADDED ALTERNATE CONSTRUCTION VIEWS. MODIFIED DIMENSIONS H1 AND L MIN VALUES AND DIMENSION L1 MAX VALUE. REQ. BY D. VON BORSTEL.	30 SEP 2014

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