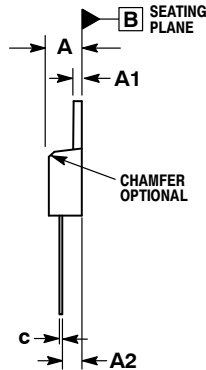
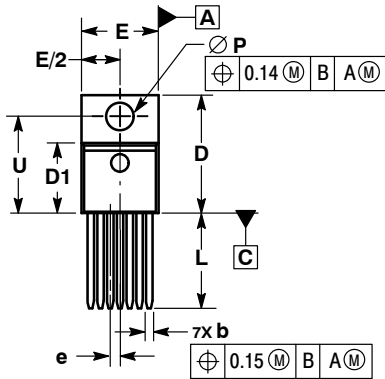


SCALE 1:1

TO-220 7-LEAD
CASE 821E-04
ISSUE E

DATE 16 SEP 2009



NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: INCHES.
3. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH AND GATE PROTRUSIONS. MOLD FLASH AND GATE PROTRUSIONS NOT TO EXCEED 0.005 PER SIDE. THESE DIMENSIONS ARE TO BE MEASURED AT OUTERMOST EXTREME OF THE PLASTIC BODY.
3. DIMENSIONS b DOES NOT INCLUDE DAMBAR PROTRUSION. LEAD WIDTH INCLUDING PROTRUSION SHALL NOT EXCEED 0.043.

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.140	0.190	3.56	4.83
A1	0.020	0.055	0.51	1.40
A2	0.080	0.115	2.03	2.92
b	0.025	0.040	0.64	1.02
c	0.014	0.026	0.36	0.66
D	0.560	0.625	14.22	15.88
D1	0.320	0.390	8.13	9.91
E	0.380	0.420	9.65	10.67
e	0.050 BSC		1.27 BSC	
L	0.500	0.580	12.70	14.73
P	0.139	0.161	3.53	4.09
U	0.465	0.501	11.81	12.73

GENERIC
MARKING DIAGRAM*



A = Assembly Location
WL = Wafer Lot
Y = 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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