

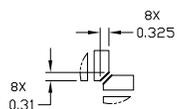
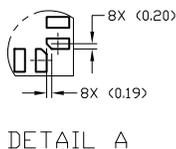
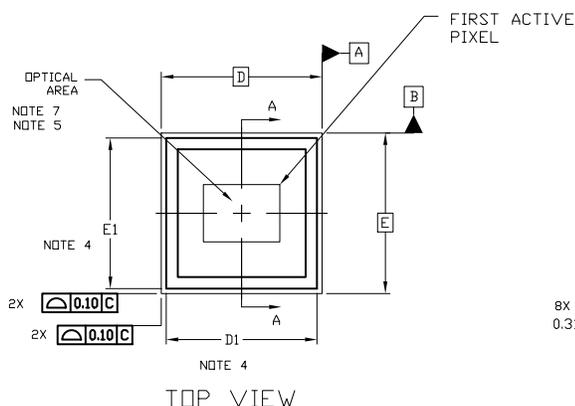
# MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®



## mPLCC52 12x12 CASE 776AW ISSUE D

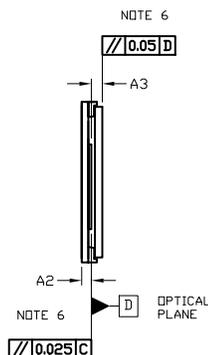
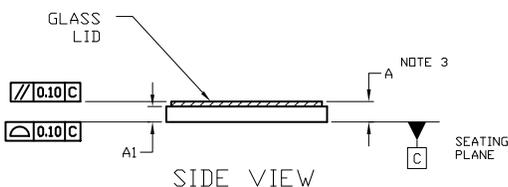
DATE 20 APR 2018



DETAIL B

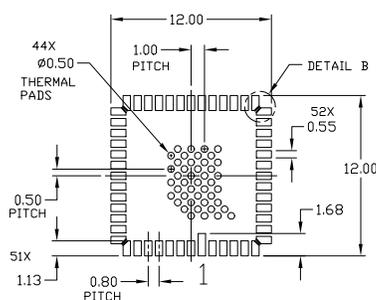
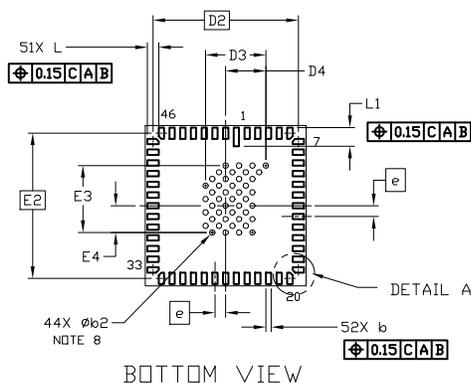
NOTES:

- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
- CONTROLLING DIMENSION: MILLIMETERS
- DIMENSION A INCLUDES THE PACKAGE BODY AND LID BUT DOES NOT INCLUDE HEATSINKS OR OTHER ATTACHED FEATURES.
- THE LID, DEFINED BY DIMENSIONS D1 AND E1, MUST BE LOCATED WITHIN DIMENSIONS D AND E.
- MAXIMUM ROTATION OF OPTICAL AREA RELATIVE TO D AND E WILL BE 0.5°. OPTICAL AREA IS DEFINED BY THE ACTIVE PIXEL ARRAY AND FIRST ACTIVE PIXEL DEFINITIONS.
- PARALLELISM APPLIES ONLY TO THE OPTICAL AREA.
- OPTICAL CENTER OFFSET WITH RESPECT TO THE PACKAGE CENTER IS X=0.00 MICRONS, Y=0.00 MICRONS ±75 MICRONS.
- SOLDER MASK OPENINGS FOR THERMAL CONNECTION PADS.



SECT. A-A

DIM	MILLIMETERS	
	MIN.	MAX.
A	---	1.62
A1	1.15	REF
A2	0.65	0.80
A3	0.80	0.82
b	0.35	0.45
b2	0.40	REF
D	12.00	BSC
D1	11.26	REF
D2	10.85	BSC
D3	4.50	REF
D4	3.00	REF
E	12.00	BSC
E1	11.26	REF
E2	10.85	BSC
E3	5.00	REF
E4	2.00	REF
e	0.80	BSC
L	0.80	0.90
L1	1.35	1.45



RECOMMENDED  
MOUNTING FOOTPRINT

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<b>DESCRIPTION:</b>	<b>mPLCC52 12x12</b>	<b>PAGE 1 OF 1</b>

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