

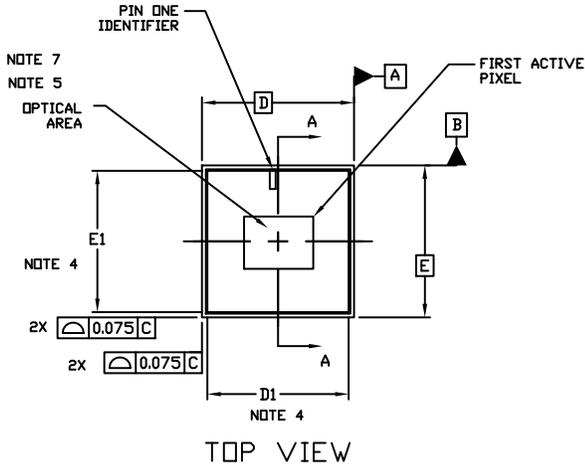
MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®

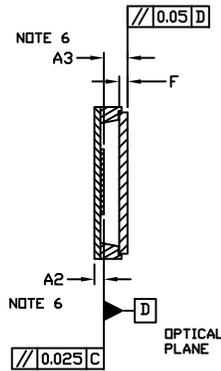


mPLCC48 10.16x10.16 CASE 776AZ ISSUE A

DATE 07 AUG 2018



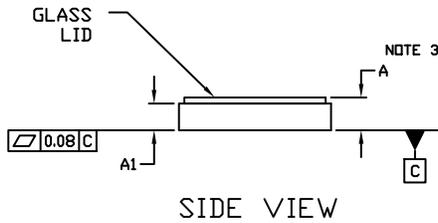
TOP VIEW



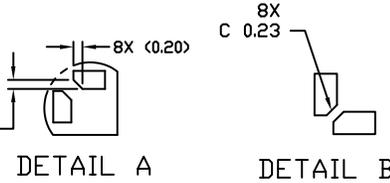
SECT. A-A

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION A INCLUDES THE PACKAGE BODY AND LID BUT DOES NOT INCLUDE HEATSINKS OR OTHER ATTACHED FEATURES.
4. THE LID DEFINED BY DIMENSIONS D1 AND E1 MUST BE LOCATED WITHIN DIMENSIONS D AND E.
5. MAXIMUM ROTATION OF OPTICAL AREA RELATIVE D AND E WILL BE 0.5°. OPTICAL AREA IS DEFINED BY THE ACTIVE PIXEL ARRAY. REFER TO THE DEVICE DATA SHEET FOR TOTAL ARRAY AND FIRST PIXEL DEFINITIONS.
6. PARALLELISM APPLIES ONLY TO THE OPTICAL AREA.
7. OPTICAL CENTER OFFSET WITH RESPECT TO THE PACKAGE CENTER IS X= 45 MICRONS, Y= -78.58 MICRONS ±75 MICRONS.



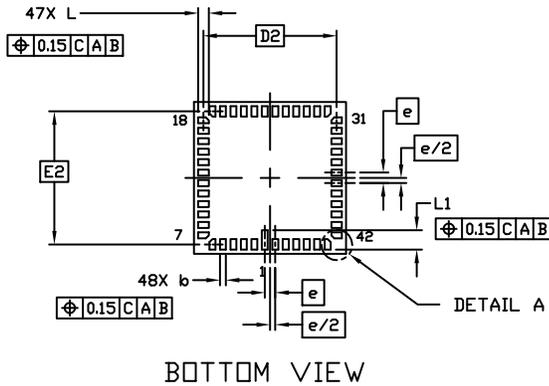
SIDE VIEW



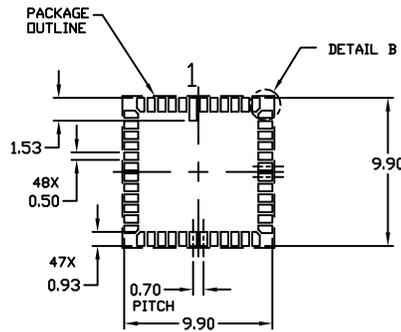
DETAIL A

DETAIL B

DIM	MILLIMETERS	
	MIN.	MAX.
A	---	2.30
A1	1.80	REF
A2	0.55	0.70
A3	1.57	1.59
b	0.35	0.45
D	10.16	BSC
D1	9.35	9.55
D2	8.90	BSC
E	10.16	BSC
E1	9.35	9.55
E2	8.90	BSC
e	0.70	BSC
F	0.50	0.60
L	0.65	0.75
L1	1.25	1.35



BOTTOM VIEW



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