

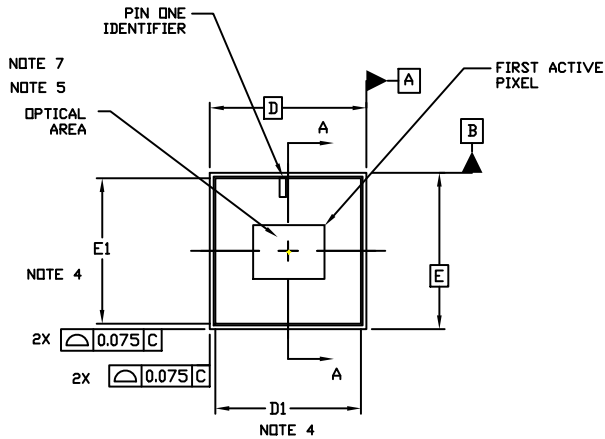
MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®

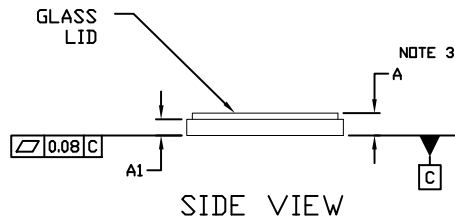


mPLCC48 10.16x10.16 CASE 776AZ ISSUE B

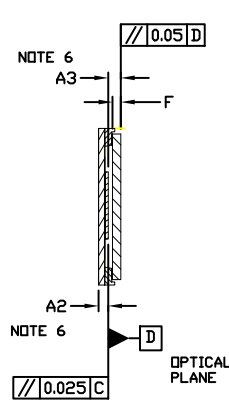
DATE 29 OCT 2018



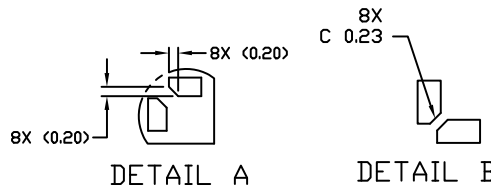
TOP VIEW



SIDE VIEW

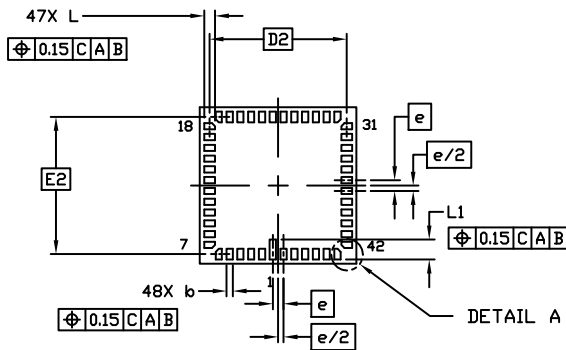


SECT. A-A

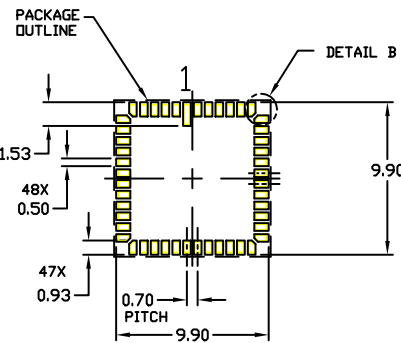


DETAIL A

DETAIL B



BOTTOM VIEW

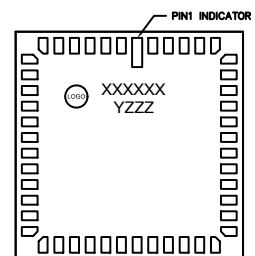


RECOMMENDED
MOUNTING FOOTPRINT

- 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 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.
 - PARALLELISM APPLIES ONLY TO THE OPTICAL AREA.
 - OPTICAL CENTER OFFSET WITH RESPECT TO THE PACKAGE CENTER IS X= 45 MICRONS, Y= -78.58 MICRONS ±75 MICRONS.

DIM	MILLIMETERS	
	MIN.	MAX.
A	---	1.63
A1	1.05 REF	
A2	0.55	0.70
A3	0.73	0.93
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

GENERIC MARKING DIAGRAM*



*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. Some products may not follow the Generic Marking.

XXXX = Specific Device Code
Y = Year
ZZZ = Assembly Lot

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