

MECHANICAL CASE OUTLINE

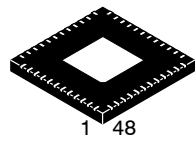
PACKAGE DIMENSIONS

ON Semiconductor®

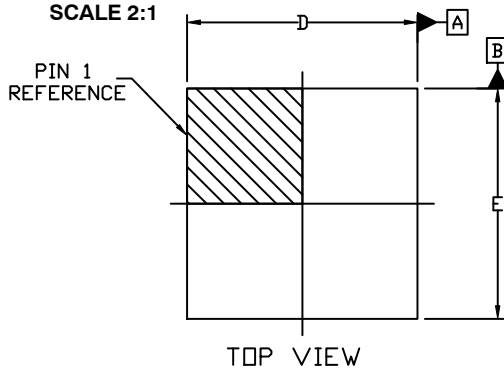


QFNW48 7x7, 0.5P
CASE 512AD
ISSUE B

DATE 18 JAN 2019



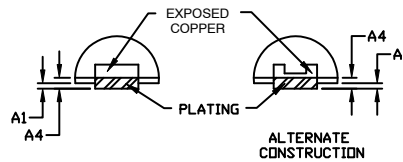
1 48
SCALE 2:1



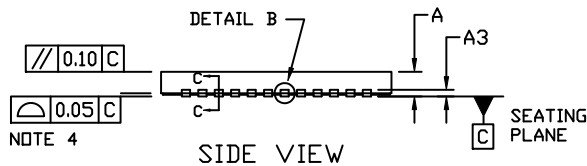
TOP VIEW

NOTES:

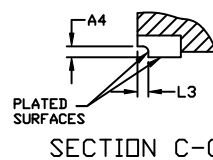
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30 MM FROM THE TERMINAL TIP.
4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.



DETAIL B

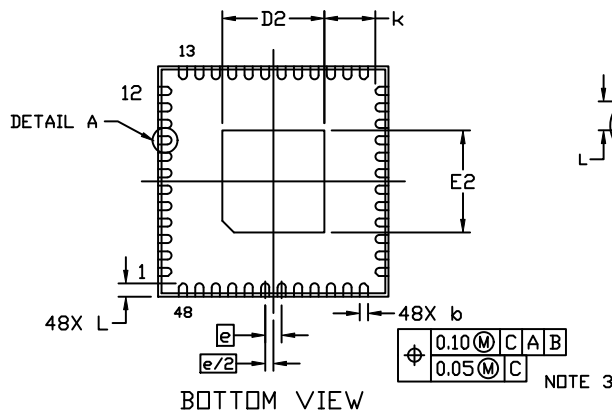


SIDE VIEW

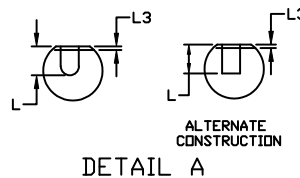


SECTION C-C

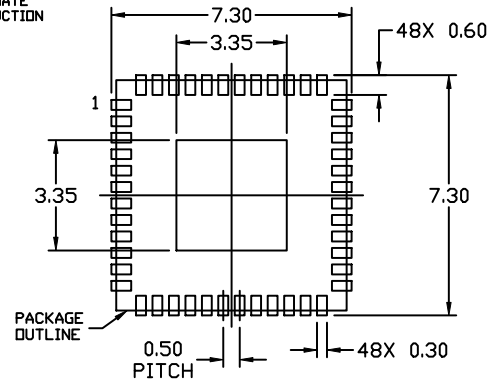
DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	---	---	0.05
A3	0.20 REF		
A4	0.10	---	---
b	0.20	0.25	0.30
D	6.90	7.00	7.10
D2	3.00	3.10	3.20
E	6.90	7.00	7.10
E2	3.00	3.10	3.20
e	0.50 BSC		
K	1.55 REF		
L	0.30	0.40	0.50
L3	0.05 REF		



BOTTOM VIEW

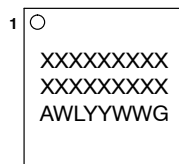


DETAIL A



RECOMMENDED MOUNTING FOOTPRINT

GENERIC MARKING DIAGRAM*



- A = Assembly Location
- WL = Wafer Lot
- YY = 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 "μ", may or may not be present. Some products may not follow the Generic Marking.

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