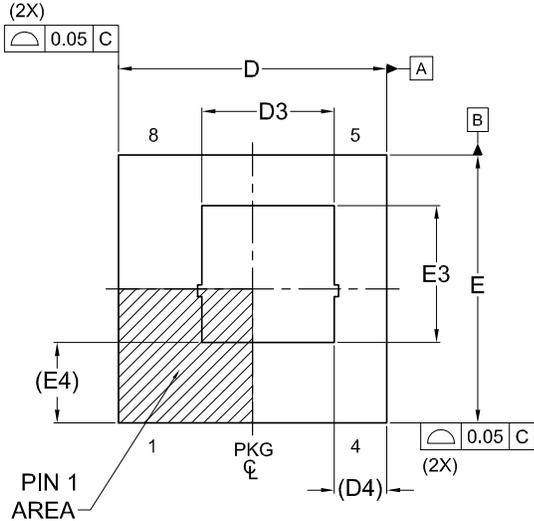


MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS



PQFN8 8X8, 2P
CASE 483AQ
ISSUE B

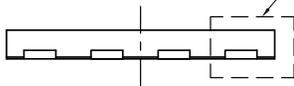
DATE 24 OCT 2022



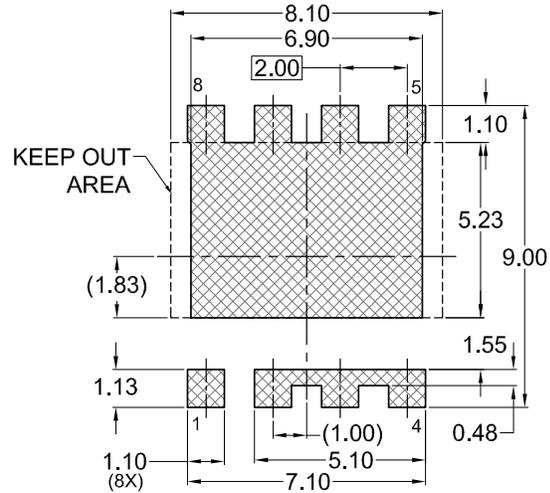
TOP VIEW

PIN 1 AREA

SEE DETAIL A

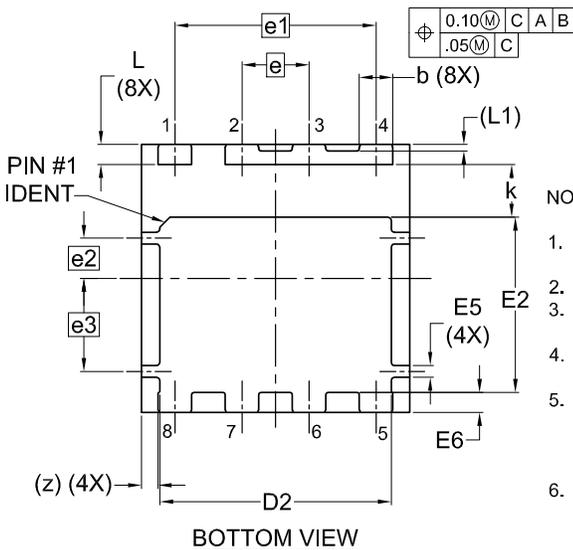


FRONT VIEW

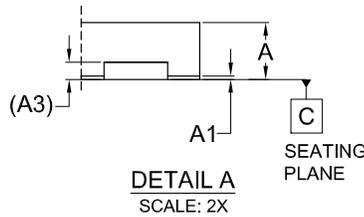


LAND PATTERN
RECOMMENDATION

*FOR ADDITIONAL INFORMATION ON OUR PB-FREE STRATEGY AND SOLDERING DETAILS, PLEASE DOWNLOAD THE ON SEMICONDUCTOR SOLDERING AND MOUNTING TECHNIQUES REFERENCE MANUAL, SOLDERRM/D.



BOTTOM VIEW



DETAIL A
SCALE: 2X

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. COPLANARITY APPLIES TO THE EXPOSED PADS AS WELL AS THE TERMINALS.
4. DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS.
5. SEATING PLANE IS DEFINED BY THE TERMINALS. "A1" IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT ON THE PACKAGE BODY.
6. IT IS RECOMMENDED TO HAVE NO TRACES OR VIAS WITHIN THE KEEP OUT AREA.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.75	0.85	0.95
A1	0.00	-	0.05
A3	0.25 REF		
b	0.90	1.00	1.10
D	7.90	8.00	8.10
D2	6.80	6.90	7.00
D3	3.68	3.86	4.03
D4	1.56 REF		
E	7.90	8.00	8.10
E2	5.13	5.23	5.33
E3	3.99	4.09	4.19
E4	2.41 REF		
E5	0.35 REF		
E6	0.60 REF		
e	2.00 BSC		
e1	6.00 BSC		
e2	1.20 BSC		
e3	2.78 BSC		
k	1.48	1.58	1.68
L	0.50	0.60	0.70
L1	0.20 REF		
z	0.50 REF		

DOCUMENT NUMBER:	98AON13665G	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.
DESCRIPTION:	PQFN8 8X8, 2P	PAGE 1 OF 1

onsemi and ONSEMI are trademarks of Semiconductor Components Industries, LLC dba onsemi or its subsidiaries in the United States and/or other countries. onsemi reserves the right to make changes without further notice to any products herein. onsemi makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does onsemi assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. onsemi does not convey any license under its patent rights nor the rights of others.