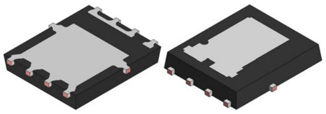
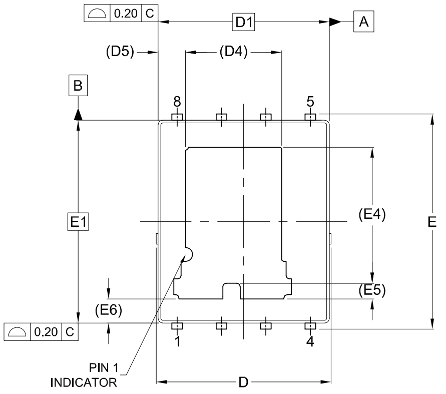


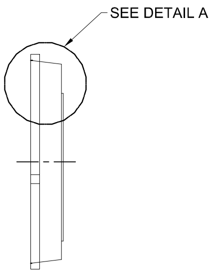
DFN8 4.90x5.80x0.90, 1.27P

CASE 506FF
ISSUE D

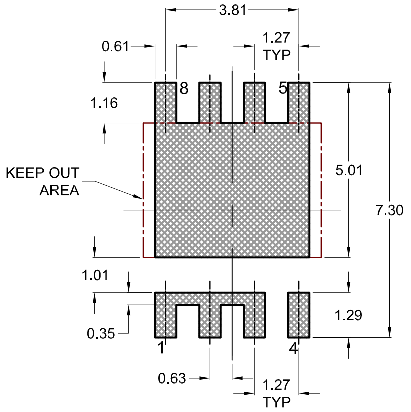
DATE 21 MAR 2025



TOP VIEW

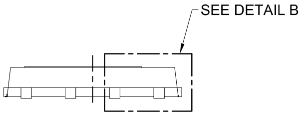


SIDE VIEW

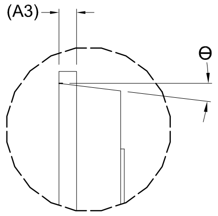


LAND PATTERN
RECOMMENDATION

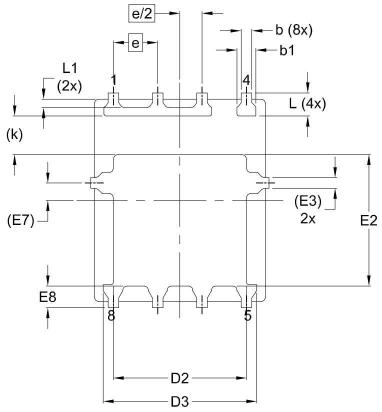
*FOR ADDITIONAL INFORMATION ON OUR PB-FREE STRATEGY AND SOLDERING DETAILS, PLEASE DOWNLOAD THE ONSEMI SOLDERING AND MOUNTING TECHNIQUES REFERENCE MANUAL, SOLDERRM/D.



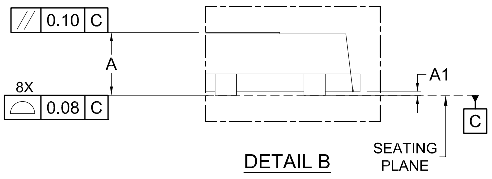
FRONT VIEW



DETAIL A
SCALE: 2:1



BOTTOM VIEW



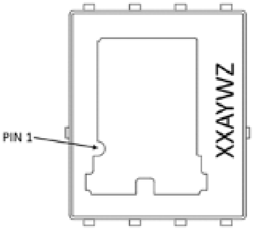
DETAIL B
SCALE: 2:1

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2018.
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.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.85	0.90	0.95
A1	-	-	0.05
A3	0.25 REF		
b	0.21	0.31	0.41
b1	0.44	0.54	0.64
D	4.90	5.00	5.10
D1	4.90 BSC		
D2	3.72	3.82	3.92
D3	4.30	4.40	4.50
D4	2.75 REF		
D5	0.79 REF		
E	6.05	6.15	6.25
E1	5.80 BSC		
E2	3.67	3.77	3.87
E3	0.30 REF		
E4	3.89 REF		
E5	0.45 REF		
E6	0.69 REF		
E7	0.50 REF		
E8	0.52	0.62	0.72
e	1.27 BSC		
e/2	0.635BSC		
k	1.10 REF		
L	0.56	0.66	0.76
L1	0.15	0.25	0.35
Θ	0°	---	7°

GENERIC MARKING DIAGRAM*



XX = Specific Device Code
A = Assembly Location
Y = Year
W = Work Week
Z = Assembly Lot Code

*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.

DOCUMENT NUMBER:	**98AON54466H**	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped “CONTROLLED COPY” in red.
DESCRIPTION:	**DFN8 4.90x5.80x0.90, 1.27P**	**PAGE 1 OF 1**