

# MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

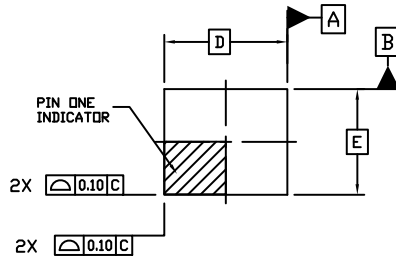
ON Semiconductor®



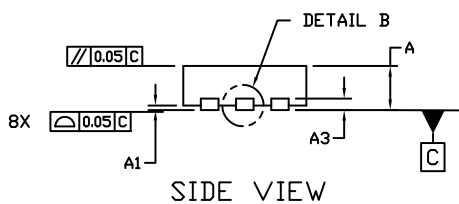
SCALE 4:1

UQFN8, 1.4x1.2, 0.4P  
CASE 523AS  
ISSUE B

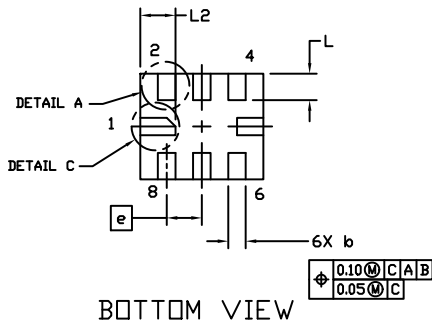
DATE 19 AUG 2021



TOP VIEW



SIDE VIEW



BOTTOM VIEW

### GENERIC MARKING DIAGRAM\*



XX = Specific Device Code  
M = Date Code

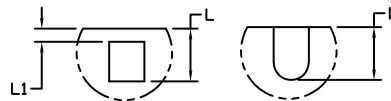
\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "•", may or may not be present. Some products may not follow the Generic Marking.

### NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.25MM FROM THE TERMINAL TIP.
4. REFER TO SPECIFIC DEVICE DATA SHEET FOR PIN 1 NOTCH LOCATION.



DETAIL B  
ALTERNATE CONSTRUCTION

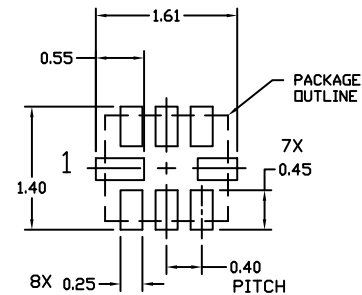


DETAIL A  
ALTERNATE CONSTRUCTIONS



DETAIL C  
ALTERNATE CONSTRUCTION  
NOTE 4

DIM	MILLIMETERS	
	MIN.	MAX.
A	0.45	0.55
A1	0.00	0.05
A3	0.13	REF
b	0.15	0.25
D	1.40	BSC
E	1.20	BSC
e	0.40	BSC
L	0.20	0.40
L1	---	0.15
L2	0.30	0.50



RECOMMENDED MOUNTING FOOTPRINT \*

\* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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DESCRIPTION:	UQFN8, 1.4X1.2, 0.4P	PAGE 1 OF 1

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