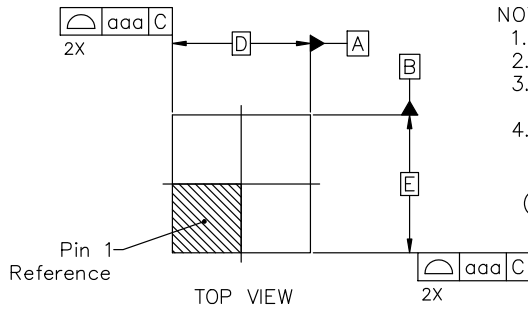




SCALE 2:1

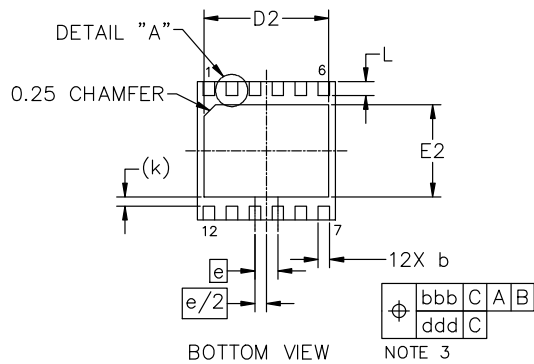
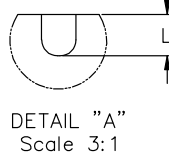
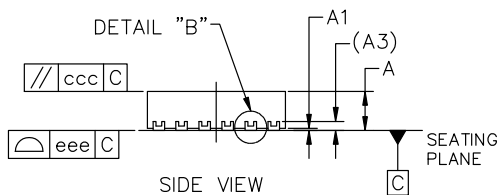
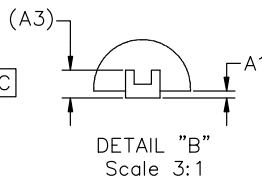
DFN12 3.00x3.00x0.85, 0.50P
CASE 506DY
ISSUE B

DATE 11 SEP 2025



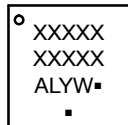
NOTES:

1. DIMENSIONING AND TOLERANCING AS PER ASME Y14.5M, 2018.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSION b APPLIES TO PLATED TERMINALS AND IS MEASURED BETWEEN 0.15 AND 0.30MM FROM THE TERMINAL TIP.
4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.



MILLIMETERS			
DIM	MIN	NOM	MAX
A	0.80	0.85	0.90
A1	0.00	---	0.05
A3	0.20 REF		
b	0.20	0.25	0.30
D	2.90	3.00	3.10
D2	2.40	2.50	2.60
E	2.90	3.00	3.10
E2	1.80	1.90	2.00
e	0.50 BSC		
k	0.25 REF		
L	0.20	0.30	0.40
TOLERANCE FORM & POSITION			
aaa	0.10		
bbb	0.10		
ccc	0.05		
ddd	0.05		
eee	0.05		

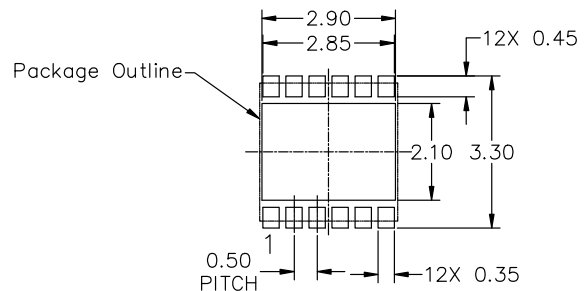
GENERIC MARKING DIAGRAM*



- XXXXX = Specific Device Code
- A = Assembly Location
- L = Wafer Lot
- Y = Year
- W = Work Week
- = Pb-Free Package

(Note: Microdot may be in either location)

*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.



RECOMMENDED MOUNTING FOOTPRINT

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

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DESCRIPTION:	DFN12 3.00x3.00x0.85, 0.50P	PAGE 1 OF 1

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