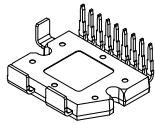


# MECHANICAL CASE OUTLINE

## PACKAGE DIMENSIONS

ON Semiconductor®

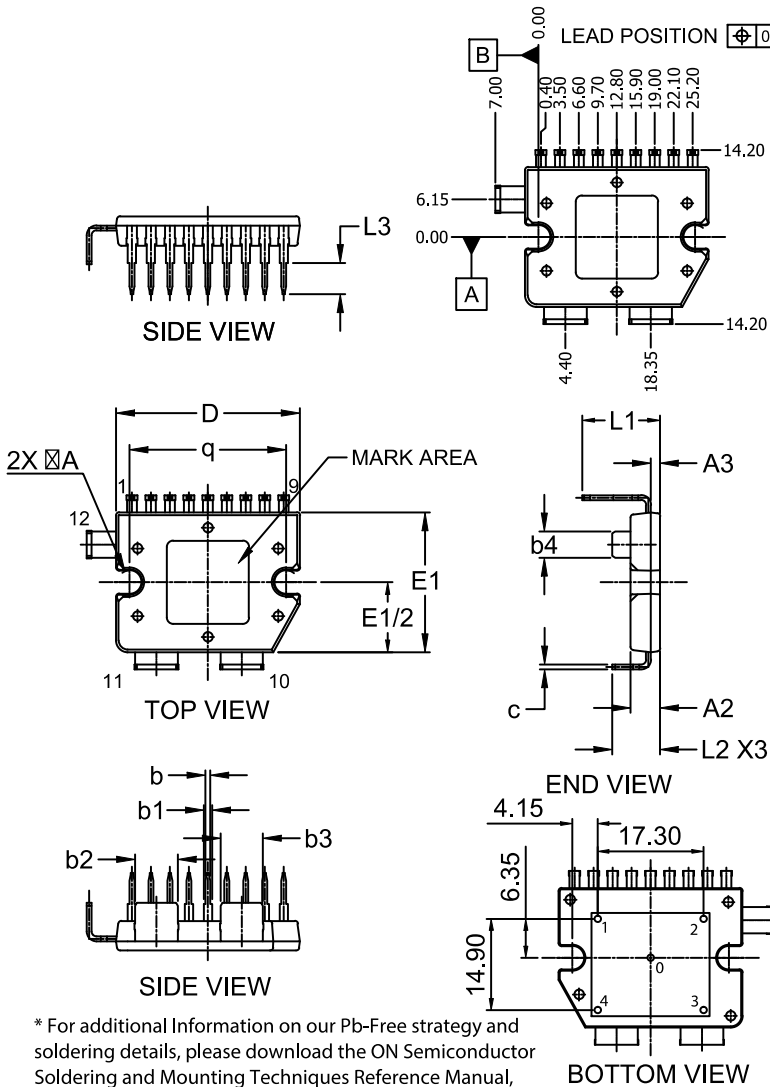


### APM12-SERIES AUTOMOTIVE MODULE

#### CASE MODBG

#### ISSUE B

DATE 16 DEC 2021



NOTES:

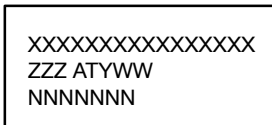
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. DIMENSIONS ARE EXCLUSIVE OF BURRS, MOLD FLASH AND TIE BAR EXTRUSIONS.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
⊠A	3.70	3.80	3.90
A2	4.60	4.80	5.00
A3	1.30	1.50	1.70
b	0.70	0.80	0.90
b1	1.25	1.35	1.45
b2	6.80	7.00	7.20
b3	6.70	6.90	7.10
b4	4.10	4.30	4.50
c	0.75	0.80	0.85
D	29.80	30.00	30.20
E1	22.60	22.80	23.00
L1	12.40	12.70	13.00
L2	7.50	7.80	8.10
L3	4.90	5.10	5.30
q	25.50	25.60	25.70

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

\* WARPAGE (POINT 1,2,3,4 BASED ON 0)  
: 0~100um

### GENERIC MARKING DIAGRAM\*



XXXX = Specific Device Code  
 ZZZ = Lot ID  
 AT = Assembly & Test Location  
 Y = Year  
 WW = Work Week  
 NNN = Serial Number

\*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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<b>DESCRIPTION:</b>	<b>APM12-SERIES AUTOMOTIVE MODULE</b>	<b>PAGE 1 OF 1</b>

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