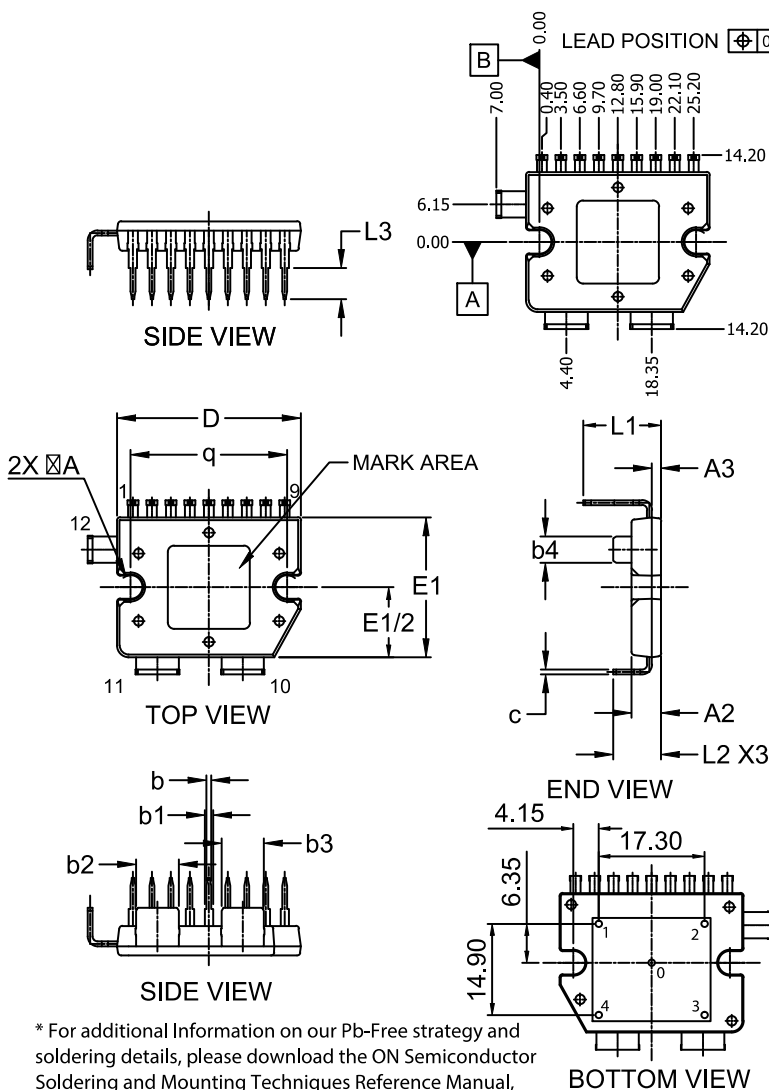


APM12-SERIES AUTOMOTIVE MODULE
CASE MODBG
ISSUE B

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*

XXXXXXXXXXXXXXXXXX
ZZZ ATYWW
NNNNNNN

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 "•", may or may not be present. Some products may not follow the Generic Marking.

DOCUMENT NUMBER:	98AON34474H	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.
DESCRIPTION:	APM12-SERIES AUTOMOTIVE MODULE	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.