

MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS



MINI DIP39, 31.0x54.5 CASE MODGC ISSUE A

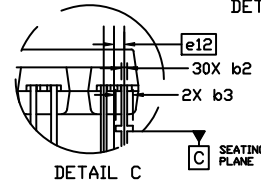
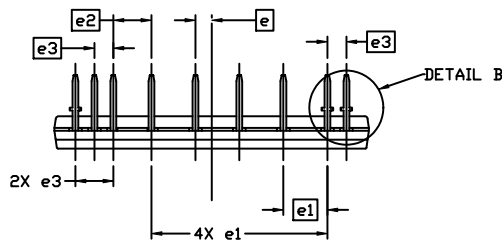
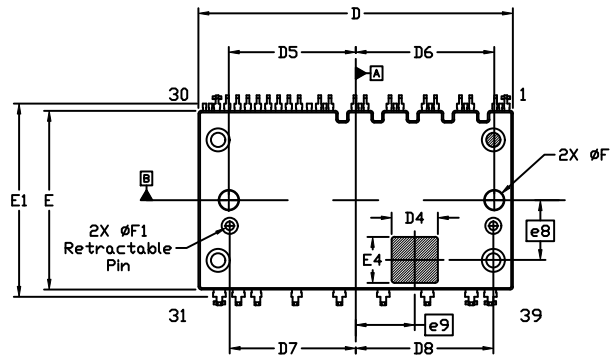
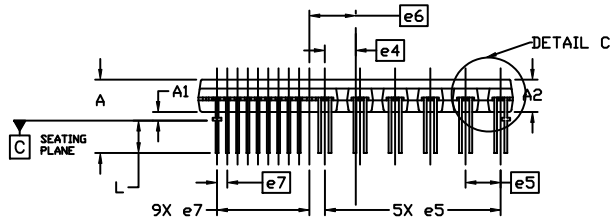
DATE 19 MAR 2019

NOTES:

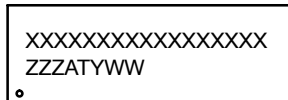
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION *b* and *c* APPLY TO THE PLATED LEADS AND ARE MEASURED BETWEEN 1.00 AND 2.00 FROM THE LEAD TIP.
4. POSITION OF THE LEAD IS DETERMINED AT THE ROOT OF THE LEAD WHERE IT EXITS THE PACKAGE BODY.
5. SHORTENED/CUT PINS ARE 2,5,8,11,14,17,19,29 AND 30.

MILLIMETERS			
DIM	MIN.	NOM.	MAX.
A	12.20	12.7	13.2
A1	1.00	1.50	2.00
A2	5.50	5.60	5.70
A3	2.00 REF		
A4	1.55 REF		
A5	3.10 REF		
b	0.90	1.00	1.10
b1	1.90	2.00	2.10
b2	0.40	0.50	0.60
b3	1.40	1.50	1.60
c	0.50 REF		
D	54.40	54.50	54.60
D3	39.25 REF		
D4	8.00 REF		
D5	22.00 REF		
D6	24.00 REF		
D7	21.85 REF		
D8	23.85 REF		

MILLIMETERS			
DIM	MIN.	NOM.	MAX.
E	30.90	31.00	31.10
E1	33.50 REF		
E2	26.14 REF		
E3	12.35 REF		
E4	8.00 REF		
E5	35.40	35.90	36.40
e	2.81 REF		
e1	7.62 BSC		
e2	6.60 BSC		
e3	3.30 BSC		
e4	5.35 REF		
e5	6.10 BSC		
e6	8.02 REF		
e7	1.78 BSC		
e8	10.35 REF		
e9	10.25 REF		
e10	3.60 REF		
e11	1.00 REF		
e12	0.89 BSC		
F	3.20	3.30	3.40
F1	1.40	1.50	1.60
L	5.60 REF		



GENERIC MARKING DIAGRAM*



- XXXXX = Specific Device Code
- ZZZ = Assembly Lot Code
- AT = Assembly & Test Location
- Y = Year
- WW = Work Week

*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:	98AON91300G	Electronic versions are uncontrolled except when accessed directly from the Document Repository. Printed versions are uncontrolled except when stamped "CONTROLLED COPY" in red.
DESCRIPTION:	MINI DIP39, 31.0x54.5	PAGE 1 OF 1

ON Semiconductor and ON are trademarks of Semiconductor Components Industries, LLC dba ON Semiconductor or its subsidiaries in the United States and/or other countries. ON Semiconductor reserves the right to make changes without further notice to any products herein. ON Semiconductor makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose, nor does ON Semiconductor 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. ON Semiconductor does not convey any license under its patent rights nor the rights of others.