

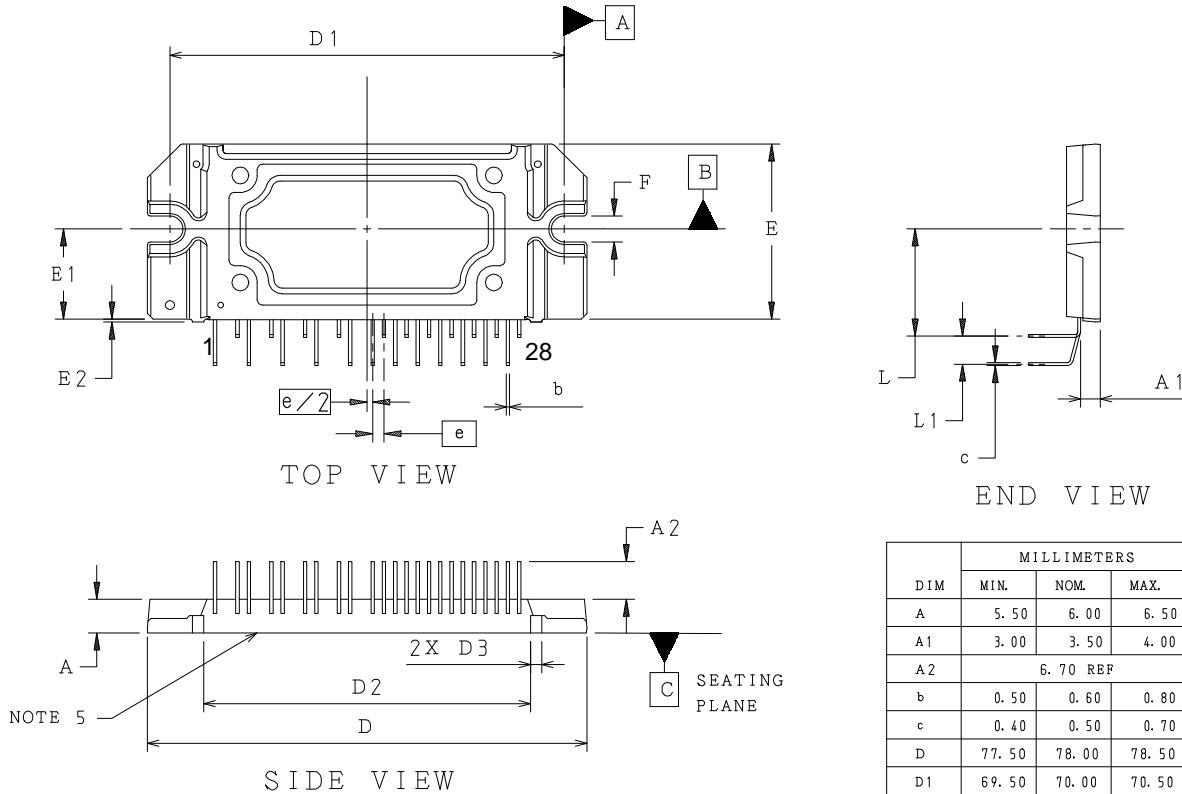
**MECHANICAL CASE OUTLINE**  
**PACKAGE DIMENSIONS**

ON Semiconductor®



**SIP28 78x31.1**  
**CASE 127DG**  
**ISSUE A**

DATE 26 AUG 2016



**NOTES:**


1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSIONS b AND c APPLY TO THE PLATED LEAD AND ARE MEASURED BETWEEN 1.00 AND 2.00 FROM THE LEAD TIP.
4. PACKAGE IS MISSING PINS: 2, 5, 8, 11, AND 14.
5. BASE MUST BE FLAT WITHIN 0.15 (CONVEX).

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	5.50	6.00	6.50
A1	3.00	3.50	4.00
A2	6.70 REF		
b	0.50	0.60	0.80
c	0.40	0.50	0.70
D	77.50	78.00	78.50
D1	69.50	70.00	70.50
D2	57.50	58.00	58.50
D3	1.50	2.00	2.50
E	30.60	31.10	31.60
E1	15.50	16.00	16.50
E2	0.00	0.50	1.00
e	2.00 BSC		
F	4.10	4.60	5.10
L	18.50	19.00	19.50
L1	4.50	5.00	5.50

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<b>DESCRIPTION:</b>	<b>SIP28 78X31.1</b>	<b>PAGE 1 OF 2</b>



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O	RELEASED FOR PRODUCTION. REQ. BY I. CAMBALIZA.	04 APR 2014
A	CHANGED NAME FROM SIP23 70X31.1 TO SIP28 78X31.1. REVISED DIMENSION E1 MIN VALUE. CHANGED POSITION OF DIMENSION L. REQ. BY M. WATANABE.	26 AUG 2016

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