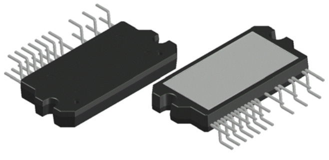
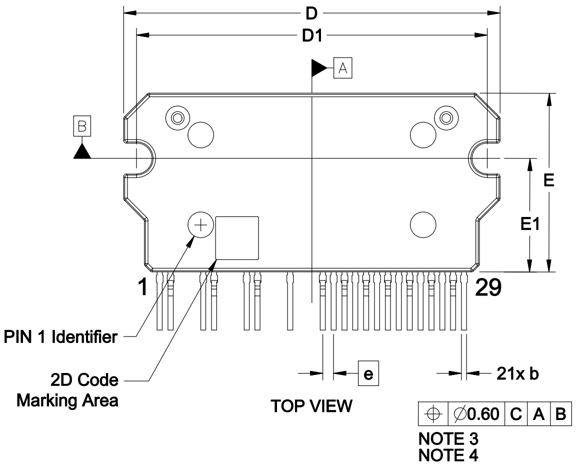
MECHANICAL CASE OUTLINE
PACKAGE DIMENSIONS

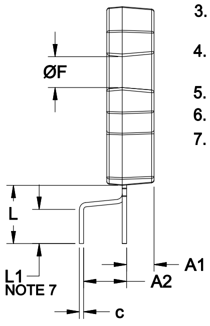


SIP29 44x20.9 FP−1, EXPOSED DBC
CASE 127FG
ISSUE O

DATE 12 JUL 2022



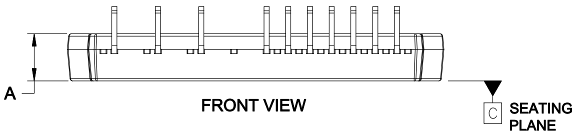
TOP VIEW



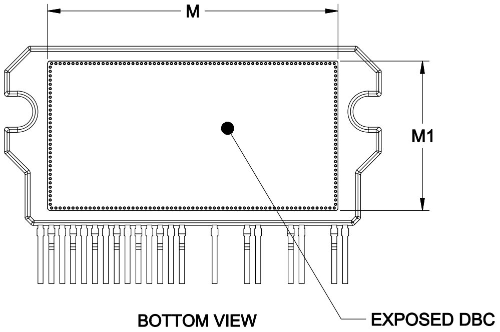
SIDE VIEW

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. PIN 1 IDENTIFICATION IS A MIRRORED SURFACE INDENT.
6. MISSING PINS ARE 3,4,7,8,11,12,14 AND 15.
7. L1 IS THE STRAIGHT PORTION OF THE LEAD AFTER THE BEND.

	MILLIMETERS		
DIM	MIN.	NOM.	MAX.
A	5.30	5.50	5.70
A1	3.00	3.20	3.40
A2	4.50	5.00	5.50
b	0.55	0.60	0.80
c	0.45	0.50	0.70
D	43.50	44.00	44.50
D1	40.50	41.00	41.50
E	20.40	20.90	21.40
E1	12.75	13.25	13.75
e	1.27 BSC		
F	3.10	3.60	4.10
L	6.30	6.80	7.30
L1	3.23	3.73	4.23
M	33.9 REF		
M1	17.4 REF		

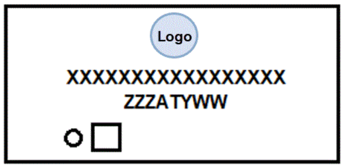


FRONT VIEW



BOTTOM VIEW

GENERIC MARKING DIAGRAM*



XXXX = 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.

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DESCRIPTION:	**SIP29 44x20.9 FP−1, EXPOSED DBC**	**PAGE 1 OF 1**