

MECHANICAL CASE OUTLINE

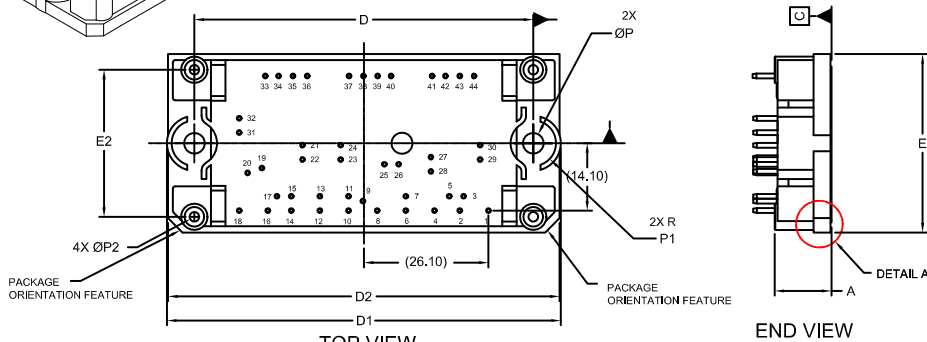
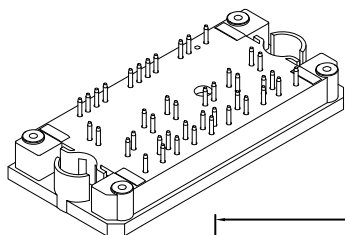
PACKAGE DIMENSIONS

ON Semiconductor®

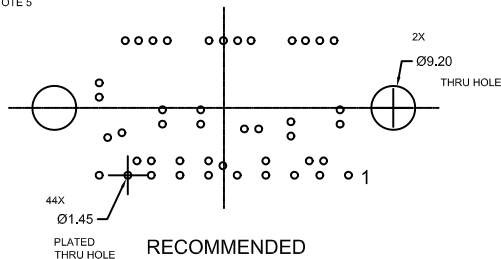
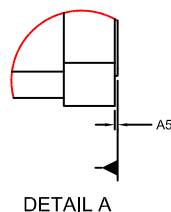
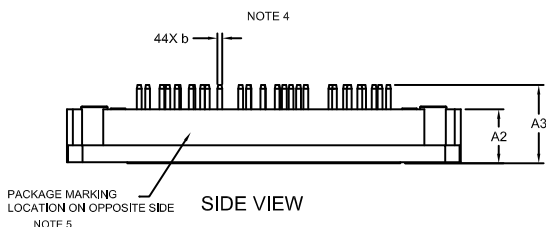


PIM44, 71x37.4 (SOLDER PINS) CASE 180BN ISSUE O

DATE 08 OCT 2019

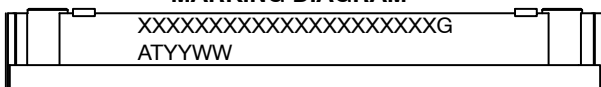


DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	11.50	12.00	12.50
A2	10.90	11.40	11.90
A3	15.90	16.40	16.90
A5	0.00	0.30	0.60
b	0.90	1.00	1.10
D	70.50	71.00	71.50
D1	82.00	82.50	83.00
D2	81.50	82.00	82.50
E	36.90	37.40	37.90
E2	30.30	30.80	31.30
P	4.30	4.40	4.50
P1	4.55	4.75	4.95
P2	2.00 REF		



*FOR ADDITIONAL INFORMATION ON OUR Pb-FREE STRATEGY AND SOLDERING DETAILS, PLEASE DOWNLOAD THE ON SEMICONDUCTOR SOLDERING AND MOUNTING TECHNIQUES REFERENCE MANUAL, SOLDERRMD.

GENERIC MARKING DIAGRAM*



XXXXX = Specific Device Code
G = Pb-Free Package
AT = Assembly & Test Site Code
YYWW = Year and Work Week Code

*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.

NOTE 4

PIN	PIN POSITION		PIN	PIN POSITION	
	X	Y		X	Y
1	26.10	-14.10	23	-4.85	-3.40
2	20.10	-14.10	24	-4.85	-0.40
3	20.90	-11.10	25	4.30	-4.40
4	14.80	-14.10	26	7.30	-4.40
5	17.90	-11.10	27	14.05	-2.90
6	8.80	-14.10	28	14.05	-5.90
7	8.80	-11.10	29	24.35	-3.40
8	2.80	-14.10	30	24.35	-0.40
9	-0.20	-12.10	31	-26.10	2.25
10	-3.20	-14.10	32	-26.10	5.25
11	-3.20	-11.10	33	-20.65	14.10
12	-9.20	-14.10	34	-17.85	14.10
13	-9.20	-11.10	35	-14.85	14.10
14	-15.20	-14.10	36	-11.85	14.10
15	-15.20	-11.10	37	-3.10	14.10
16	-20.10	-14.10	38	-0.10	14.10
17	-18.20	-11.10	39	2.90	14.10
18	-26.10	-14.10	40	5.70	14.10
19	-21.35	-5.20	41	14.30	14.10
20	-24.35	-6.20	42	17.10	14.10
21	-12.85	-0.40	43	20.10	14.10
22	-12.85	-3.40	44	23.10	14.10

- NOTES:
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
 - CONTROLLING DIMENSION: MILLIMETERS
 - DIMENSIONS b APPLIES TO THE PLATED TERMINALS AND IS MEASURED BETWEEN 1.00 AND 3.00 FROM THE TERMINAL TIP.
 - POSITION OF THE CENTER OF THE TERMINALS AND MOUNTING HOLES IS DETERMINED FROM DATUM B THE CENTER OF DIMENSION D, X DIRECTION, AND FROM DATUM A, Y DIRECTION. POSITIONAL TOLERANCE, AS NOTED IN THE DRAWING, APPLIES TO EACH TERMINAL IN BOTH DIRECTIONS.
 - PACKAGE MARKING IS LOCATED AS SHOWN ON THE SIDE OPPOSITE THE PACKAGE ORIENTATION FEATURES.

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DESCRIPTION:	PIM44, 71x37.4 (SOLDER PINS)	PAGE 1 OF 2

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