

MECHANICAL CASE OUTLINE

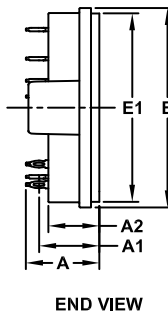
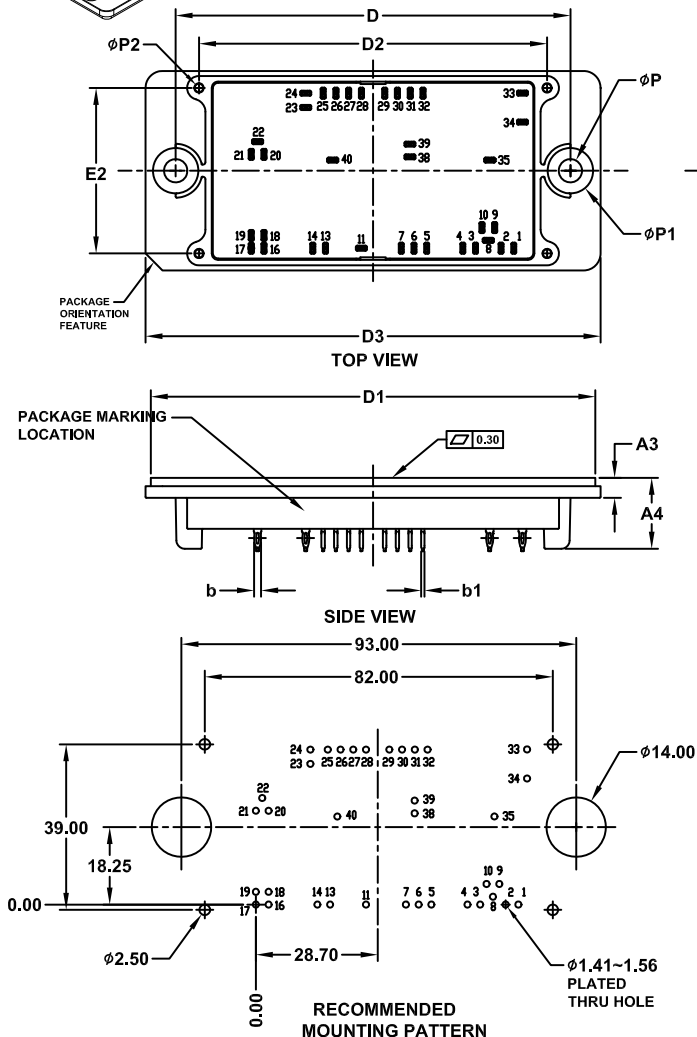
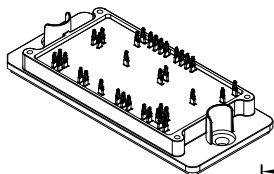
PACKAGE DIMENSIONS

ON Semiconductor®



PIM36, 93x47 (PRESSFIT) CASE 180CD ISSUE O

DATE 24 APR 2020



DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	16.90	17.30	17.70
A1	13.97	14.18	14.39
A2	11.70	12.00	12.30
A3	4.40	4.70	5.00
A4	16.40	16.70	17.00
b	1.61	1.66	1.71
b1	0.75	0.80	0.85
D	92.90	93.00	93.10
D1	104.45	104.75	105.05
D2	81.80	82.00	82.20
D3	106.90	107.20	107.50
E	46.70	47.00	47.30
E1	44.10	44.40	44.70
E2	38.80	39.00	39.20
P	5.40	5.50	5.60
P1	10.60	10.70	10.80
P2	1.80	2.00	2.20

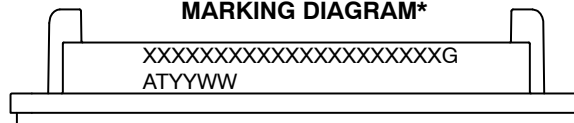
NOTE 4

PIN	PIN POSITION		PIN	PIN POSITION	
	X	Y		X	Y
1	61.85	0.00	21	0.00	22.10
2	58.85	0.00	22	1.50	25.10
3	52.85	0.00	23	12.85	33.15
4	49.85	0.00	24	12.85	36.50
5	41.35	0.00	25	16.95	36.50
6	38.35	0.00	26	19.95	36.50
7	35.35	0.00	27	22.95	36.50
8	55.85	1.85	28	25.95	36.50
9	57.35	4.85	29	31.45	36.50
10	54.35	4.85	30	34.45	36.50
11	25.95	0.00	31	37.45	36.50
13	17.50	0.00	32	40.45	36.50
14	14.50	0.00	33	63.90	36.55
16	3.00	0.00	34	63.90	29.70
17	0.00	0.00	35	56.20	20.75
18	3.00	3.00	38	37.40	21.50
19	0.00	3.00	39	37.40	24.50
20	3.00	22.10	40	19.20	20.75

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009
2. CONTROLLING DIMENSION : MILLIMETERS
3. DIMENSIONS b AND b1 APPLY TO THE PLATED TERMINALS AND ARE MEASURED AT DIMENSION A1
4. PIN POSITION TOLERANCE IS ± 0.4mm
5. PACKAGE MARKING IS LOCATED AS SHOWN ON THE SIDE OPPOSITE THE PACKAGE ORIENTATION FEATURES

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.

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DESCRIPTION:	PIM36 93X47 (PRESS FIT)	PAGE 1 OF 1

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