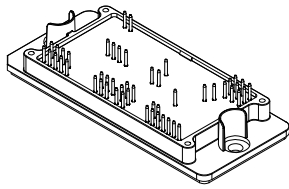
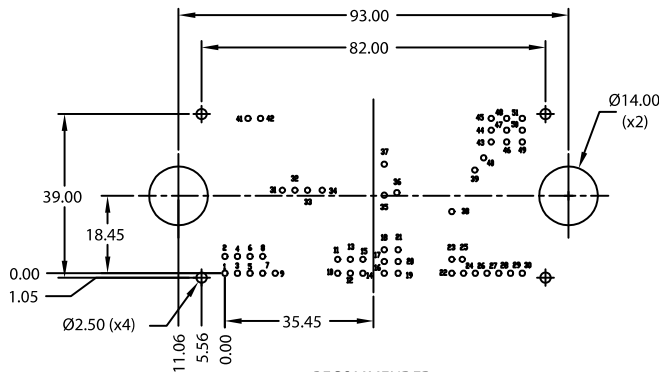
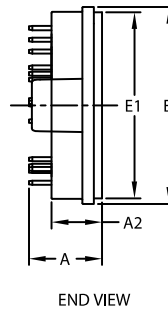
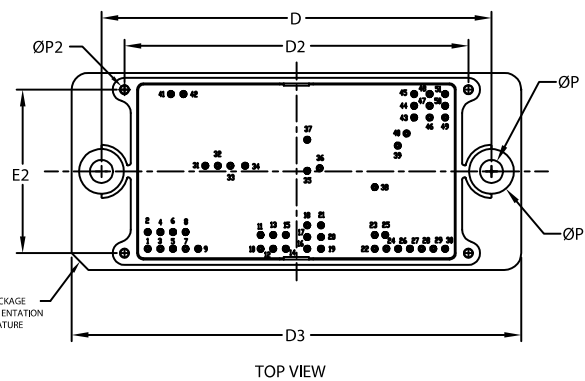
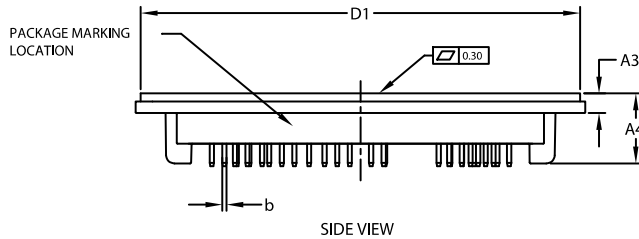


MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS



PIM51, 93x47 (SOLDER PIN) CASE 180HH ISSUE O

DATE 16 NOV 2021



RECOMMENDED
MOUNTING PATTERN

* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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 $\pm 0.4\text{mm}$
5. PACKAGE MARKING IS LOCATED AS SHOWN ON THE SIDE OPPOSITE THE PACKAGE ORIENTATION FEATURES

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	17.00	17.40	17.80
A2	11.70	12.00	12.30
A3	4.40	4.70	5.00
A4	16.40	16.70	17.00
b	0.95	1.00	1.05
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	0.00	0.00	27	62.50	0.00
2	0.00	4.00	28	65.30	0.00
3	3.00	0.00	29	68.10	0.00
4	3.00	4.00	30	70.90	0.00
5	6.00	0.00	31	13.70	19.80
6	6.00	4.00	32	16.70	19.80
7	9.00	0.00	33	19.70	19.80
8	9.00	4.00	34	23.20	19.80
9	12.00	0.00	35	38.00	18.60
10	26.90	0.00	36	41.00	19.20
11	26.90	3.30	37	38.00	26.00
12	29.90	0.00	38	54.10	14.70
13	29.90	3.30	39	59.60	24.60
14	32.90	0.00	40	61.70	27.50
15	32.90	3.30	41	5.50	36.90
16	38.00	0.00	42	8.50	36.90
17	38.00	2.80	43	63.50	31.30
18	38.00	5.60	44	63.50	34.10
19	41.30	0.00	45	63.50	36.90
20	41.30	2.80	46	67.20	31.30
21	41.30	5.60	47	67.20	34.10
22	54.10	0.00	48	67.20	36.90
23	54.10	3.30	49	70.90	31.30
24	56.90	0.00	50	70.90	34.10
25	56.60	3.30	51	70.90	36.90
26	59.70	0.00			

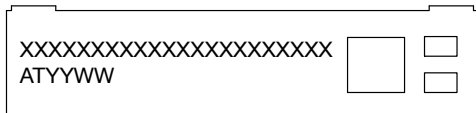
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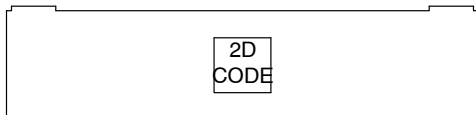
PIM51, 93x47 (SOLDER PIN)
 CASE 180HH
 ISSUE 0

DATE 16 NOV 2021

GENERIC MARKING DIAGRAM*



FRONTSIDE MARKING



BACKSIDE MARKING

XXXXX = Specific Device Code
 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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