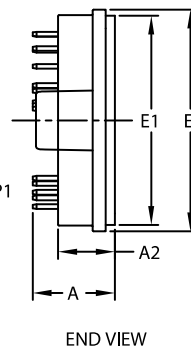
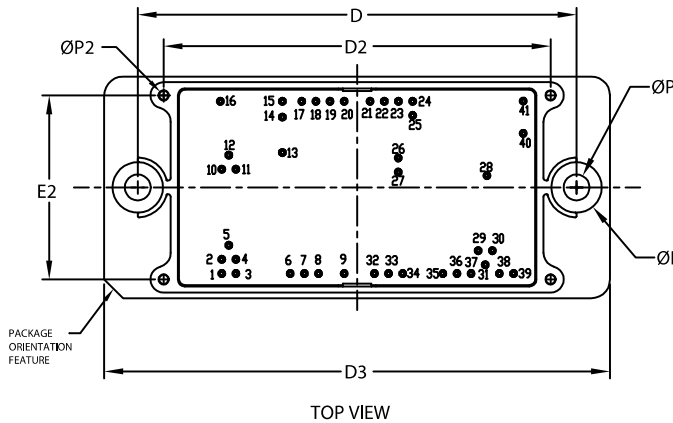
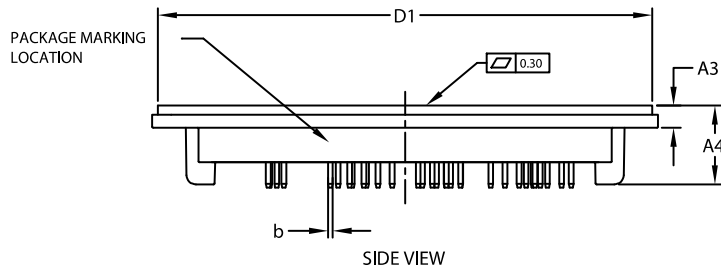


MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS



PIM41, 93x47 (SOLDER PIN) CASE 180BC ISSUE O

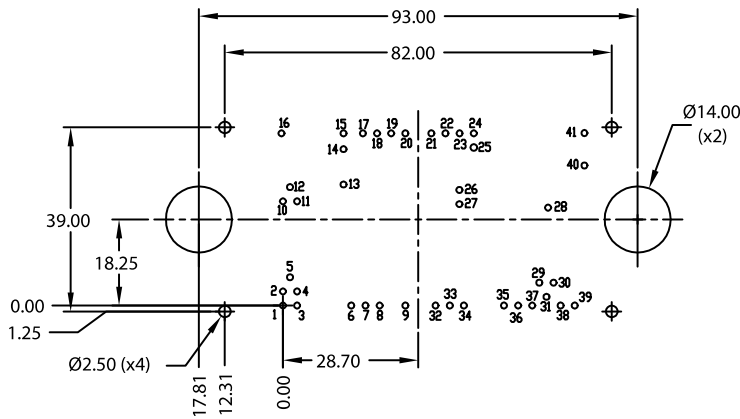
DATE 27 SEP 2021



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

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	16.90	17.30	17.70
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



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.

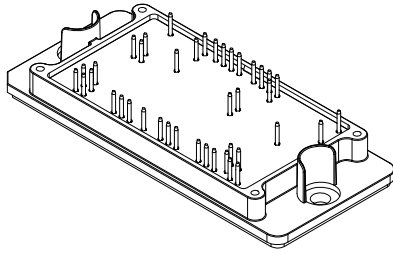
NOTE 4

PIN	PIN POSITION		PIN	PIN POSITION	
	X	Y		X	Y
1	0.00	0.00	23	37.45	36.50
2	0.00	3.00	24	40.45	36.50
3	3.00	0.00	25	40.45	33.50
4	3.00	3.00	26	37.40	24.50
5	1.50	6.00	27	37.40	21.50
6	14.50	0.00	28	56.20	20.75
7	17.50	0.00	29	54.35	4.85
8	20.50	0.00	30	57.35	4.85
9	25.95	0.00	31	55.85	1.85
10	0.00	22.10	32	32.35	0.00
11	3.00	22.10	33	35.35	0.00
12	1.50	25.10	34	38.35	0.00
13	12.85	25.65	35	46.85	0.00
14	12.85	33.15	36	49.85	0.00
15	12.85	36.50	37	52.85	0.00
16	-0.30	36.50	38	58.85	0.00
17	16.95	36.50	39	61.85	0.00
18	19.95	36.50	40	63.90	29.70
19	22.95	36.50	41	63.90	36.55
20	25.95	36.50			
21	31.45	36.50			
22	34.45	36.50			

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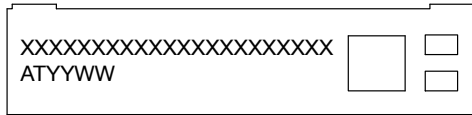
**MECHANICAL CASE OUTLINE
PACKAGE DIMENSIONS**



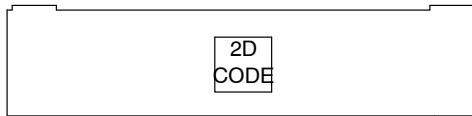
PIM41, 93x47 (SOLDER PIN)
CASE 180BC
ISSUE O

DATE 27 SEP 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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