

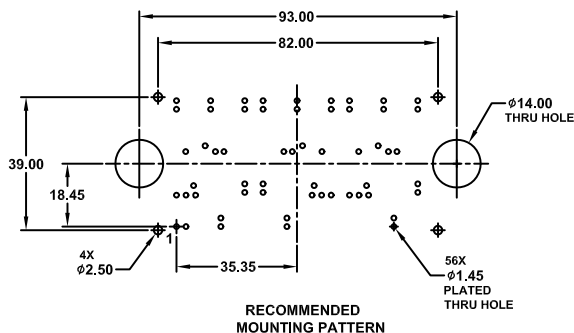
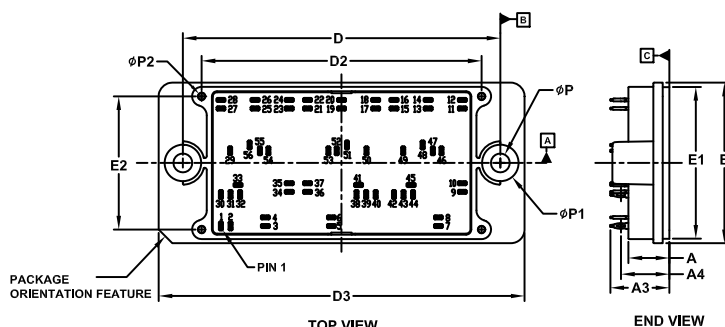
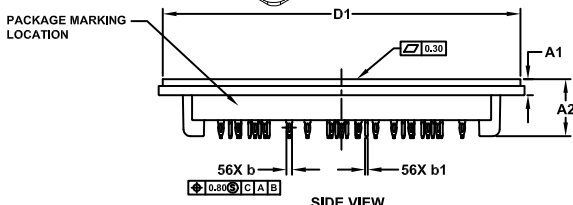
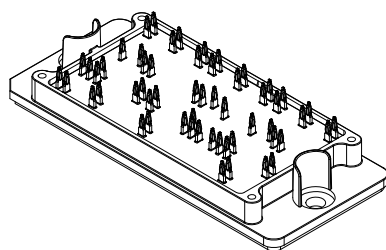
# MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®



## PIM56, 93x47 (PRESSFIT) CASE 180BG ISSUE O

DATE 31 JUL 2019



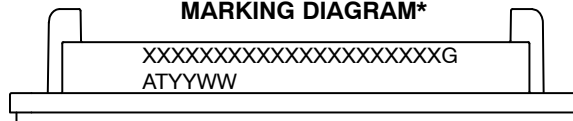
NOTES:

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 A4.
4. POSITION OF THE CENTER OF THE TERMINALS IS DETERMINED FROM DATUM B THE CENTER OF DIMENSION D, X DIRECTION, AND FROM DATUM A, Y DIRECTION. POSITIONAL TOLERANCE, AS NOTED IN DRAWING, APPLIES TO EACH TERMINAL IN BOTH DIRECTIONS.
5. PACKAGE MARKING IS LOCATED AS SHOWN ON THE SIDE OPPOSITE THE PACKAGE ORIENTATION FEATURES.

NOTE 4

DIM	MILLIMETERS			PIN POSITION			PIN POSITION		
	MIN.	NOM.	MAX.	PIN	X	Y	PIN	X	Y
A	11.70	12.00	12.30	1	0.00	0.00	29	2.70	22.00
A1	4.40	4.70	5.00	2	2.80	0.00	30	0.00	9.20
A2	16.40	16.70	17.00	3	13.00	0.00	31	2.80	9.20
A3	16.90	17.30	17.70	4	13.00	2.50	32	5.60	9.20
A4	13.97	14.18	14.39	5	32.35	0.00	33	5.00	12.00
b	1.61	1.66	1.71	6	32.35	2.50	34	20.00	10.00
b1	0.75	0.80	0.85	7	63.70	0.00	35	20.00	12.50
D	92.90	93.00	93.10	8	63.70	2.50	36	25.35	10.00
D1	104.45	104.75	105.05	9	70.70	10.00	37	25.35	12.50
D2	81.80	82.00	82.20	10	70.70	12.50	38	39.75	9.20
D3	106.90	107.20	107.50	11	70.70	34.40	39	42.55	9.20
E	46.70	47.00	47.30	12	70.70	36.90	40	45.35	9.20
E1	44.10	44.40	44.70	13	60.70	34.40	41	40.35	12.00
E2	38.80	39.00	39.10	14	60.70	36.90	42	50.70	9.20
P	5.40	5.50	5.60	15	50.70	34.40	43	53.50	9.20
P1	10.60	10.70	10.80	16	50.70	36.90	44	56.30	9.20
P2	1.80	2.00	2.20	17	45.35	34.40	45	55.70	12.00
				18	45.35	36.90	46	64.60	22.00
				19	35.35	34.40	47	62.10	22.00
				20	35.35	36.90	48	59.10	23.70
				21	25.35	34.40	49	53.40	22.00
				22	25.35	36.90	50	42.65	22.00
				23	20.00	34.40	51	36.95	23.70
				24	20.00	36.90	52	33.95	22.00
				25	10.00	34.40	53	31.45	22.00
				26	10.00	36.90	54	13.90	22.00
				27	0.00	34.40	55	11.40	22.00
				28	0.00	36.90	56	8.40	23.70

### 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:	PIM56 93X47 (PRESS FIT)	PAGE 1 OF 1

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