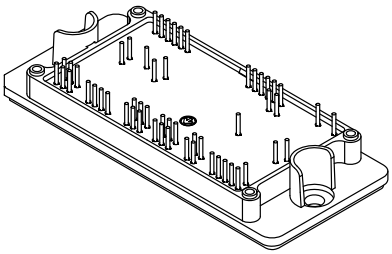
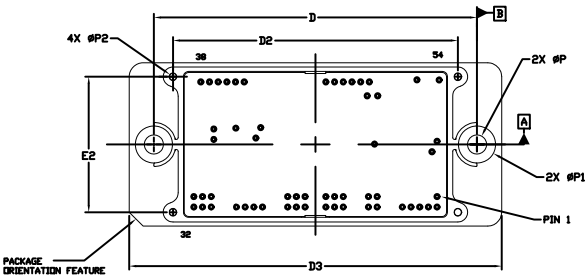
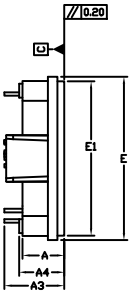


PIM56, 93x47 (SOLDER PIN)
CASE 180AK
ISSUE B

DATE 08 NOV 2017



TOP VIEW

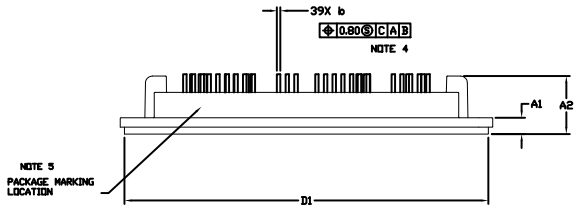


END VIEW

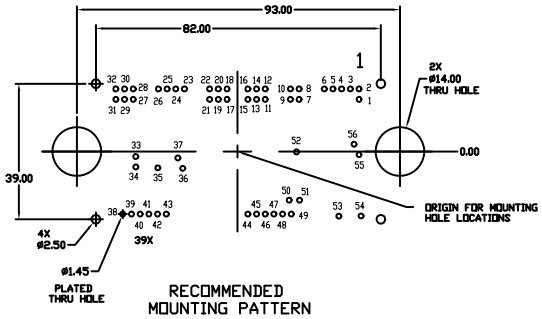
NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSIONS b APPLIES TO THE PLATED TERMINALS AND IS MEASURED BETWEEN 1.00 AND 3.00 FROM THE TERMINAL TIP.
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 WITH THE PACKAGE ORIENTATION FEATURE.

	MILLIMETERS	
DIM	MIN.	MAX.
A	11.80	12.20
A1	4.50	4.90
A2	16.50	16.90
A3	16.70	17.70
A4	12.80	13.20
b	0.95	1.05
D	92.80	93.20
D1	104.60	104.90
D2	81.80	82.20
D3	106.90	107.50
E	46.75	47.25
E1	44.30	44.50
E2	38.80	39.20
P	5.40	5.60
P1	10.60	10.80
P2	2.20	2.40



SIDE VIEW



RECOMMENDED MOUNTING PATTERN

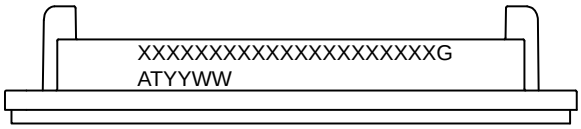
NOTE 4

	PIN POSITION			PIN POSITION	
PIN	X	Y	PIN	X	Y
1	35.00	−15.00	29	−32.50	−15.00
2	35.00	−18.00	30	−32.50	−18.00
3	32.50	−18.00	31	−35.00	−15.00
4	30.00	−18.00	32	−35.00	−18.00
5	27.50	−18.00	33	−29.25	1.45
6	25.00	−18.00	34	−29.25	4.45
7	17.75	−15.00	35	−22.90	4.70
8	17.75	−18.00	36	−15.75	4.85
9	15.25	−15.00	37	−17.15	1.85
10	15.25	−18.00	38	−33.00	18.00
11	8.00	−15.00	39	−30.50	18.00
12	8.00	−18.00	40	−28.00	18.00
13	5.50	−15.00	41	−25.50	18.00
14	5.50	−18.00	42	−23.00	18.00
15	3.00	−15.00	43	−20.50	18.00
16	3.00	−18.00	44	3.00	18.00
17	−3.00	−15.00	45	5.50	18.00
18	−3.00	−18.00	46	8.00	18.00
19	−5.50	−15.00	47	10.50	18.00
20	−5.50	−18.00	48	13.00	18.00
21	−8.00	−15.00	49	15.50	18.00
22	−8.00	−18.00	50	14.90	14.00
23	−15.25	−18.00	51	17.90	14.00
24	−17.75	−18.00	52	17.00	0.10
25	−20.25	−18.00	53	29.20	18.60
26	−22.75	−18.00	54	35.60	18.55
27	−30.00	−15.00	55	35.00	0.90
28	−30.00	−18.00	56	33.55	−2.10

MOUNTING HOLE POSITION

	PIN POSITION			PIN POSITION	
PIN	X	Y	PIN	X	Y
1	35.00	15.00	29	−32.50	15.00
2	35.00	18.00	30	−32.50	18.00
3	32.50	18.00	31	−35.00	15.00
4	30.00	18.00	32	−35.00	18.00
5	27.50	18.00	33	−29.25	−1.45
6	25.00	18.00	34	−29.25	−4.45
7	17.75	15.00	35	−22.90	−4.70
8	17.75	18.00	36	−15.75	−4.85
9	15.25	15.00	37	−17.15	−1.85
10	15.25	18.00	38	−33.00	−18.00
11	8.00	15.00	39	−30.50	−18.00
12	8.00	18.00	40	−28.00	−18.00
13	5.50	15.00	41	−25.50	−18.00
14	5.50	18.00	42	−23.00	−18.00
15	3.00	15.00	43	−20.50	−18.00
16	3.00	18.00	44	3.00	−18.00
17	−3.00	15.00	45	5.50	−18.00
18	−3.00	18.00	46	8.00	−18.00
19	−5.50	15.00	47	10.50	−18.00
20	−5.50	18.00	48	13.00	−18.00
21	−8.00	15.00	49	15.50	−18.00
22	−8.00	18.00	50	14.90	−14.00
23	−15.25	18.00	51	17.90	−14.00
24	−17.75	18.00	52	17.00	−0.10
25	−20.25	18.00	53	29.20	−18.60
26	−22.75	18.00	54	35.60	−18.55
27	−30.00	15.00	55	35.00	−0.90
28	−30.00	18.00	56	33.55	2.10

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.

ISSUE	REVISION	DATE
O	RELEASED FOR PRODUCTION. REQ. BY A. LAI.	24 MAY 2017
A	UPDATED MARKING DIAGRAM IMAGE. REQ. BY A. LAI.	01 JUN 2017
B	UPDATED MARKING DIAGRAM CODE INFORMATION. REQ. BY A. LAI.	08 NOV 2017

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