PIM22 55x32.5 (PRESSFIT PIN)
CASE 180BF
ISSUE O

DATE 21 MAY 2019

TOP VIEW

END VIEW

DETAIL A

SIDE VIEW

⌖ 0.40 Ⓢ C A B

NOTE 4
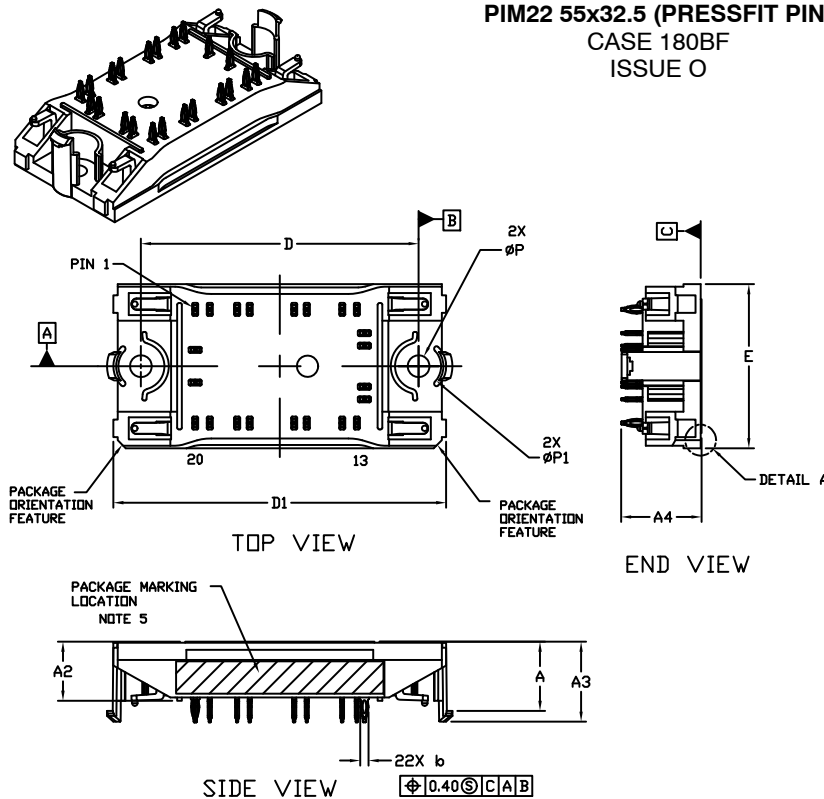
NOTES:

1. DIMENSIONING AND TOLERANCING PER. ASME Y14.5M, 2009.

2. CONTROLLING DIMENSION: MILLIMETERS

3. DIMENSION 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 OPPOSITE THE PACKAGE ORIENTATION FEATURES.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	13.50	13.70	13.90
A1	0.10	0.20	0.30
A2	11.50	11.70	11.90
A3	15.65	15.85	16.05
A4	15.95 REF		
b	1.61	1.66	1.71
D	54.80	55.00	55.20
D1	65.60	65.90	66.20
E	32.20	32.50	32.80
P	4.20	4.30	4.40
P1	8.90	9.00	9.10

PIN	PIN POSITION		PIN	PIN POSITION	
	X	Y		X	Y
1	-16.75	11.25	12	16.75	-6.55
2	-13.85	11.25	13	15.25	-11.25
3	-8.45	11.25	14	12.35	-11.25
4	-5.95	11.25	15	5.35	-11.25
5	2.85	11.25	16	2.85	-11.25
6	5.35	11.25	17	-5.95	-11.25
7	12.35	11.25	18	-8.45	-11.25
8	15.25	11.25	19	-13.85	-11.25
9	16.75	6.55	20	-16.75	-11.25
10	16.75	4.05	21	-16.75	-3.25
11	16.75	-4.05	22	-16.75	3.25

DOCUMENT NUMBER:	98AON07824H	
DESCRIPTION:	PIM22 55x32.5 (PRESSFIT PIN)	PAGE 1 OF 2

MOUNTING HOLE POSITION

PIN	HOLE POSITION X	HOLE POSITION Y	PIN	PIN POSITION X	PIN POSITION Y
1	−16.75	−11.25	12	16.75	6.55
2	−13.85	−11.25	13	15.25	11.25
3	−8.45	−11.25	14	12.35	11.25
4	−5.95	−11.25	15	5.35	11.25
5	2.85	−11.25	16	2.85	11.25
6	5.35	−11.25	17	−5.95	11.25
7	12.35	−11.25	18	−8.45	11.25
8	15.25	−11.25	19	−13.85	11.25
9	16.75	−6.55	20	−16.75	11.25
10	16.75	−4.05	21	−16.75	3.25
11	16.75	4.05	22	−16.75	−3.25

FOR PCB THICKNESS 1.45−1.80
R0.75
6.20
R5.65
R4.60

FOR PCB THICKNESS 1.80−2.20
R5.65
R0.75 4X
2.00
6.20
R4.60
R6.90

FOR PCB THICKNESS 2.20−2.80
R5.65
R0.75 4X
3.60
6.20
R4.60
R6.90

MOUNTING HOLE DETAIL

55.00
20   13
0.00
1   8
SEE MOUNTING HOLE DETAIL
22X Ø1.45 PLATED THRU HOLE
0.00

RECOMMENDED MOUNTING PATTERN
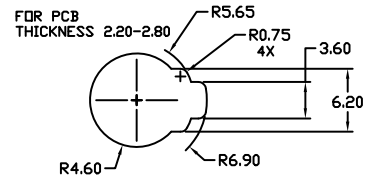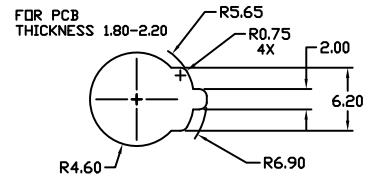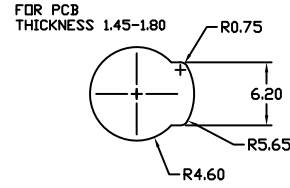
GENERIC MARKING DIAGRAM*

XXXXXXXXXXXXXXXXG
ATYYWW
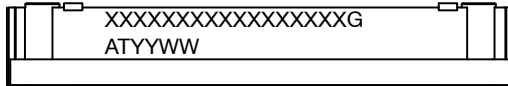
XXXXX = Specific Device Code
G   = Pb−Free Package
AT   = Assembly & Test Site Code
YYWW = Year and Work Week Code

*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:	PIM22 55x32.5 (PRESSFIT PIN)		PAGE 2 OF 2