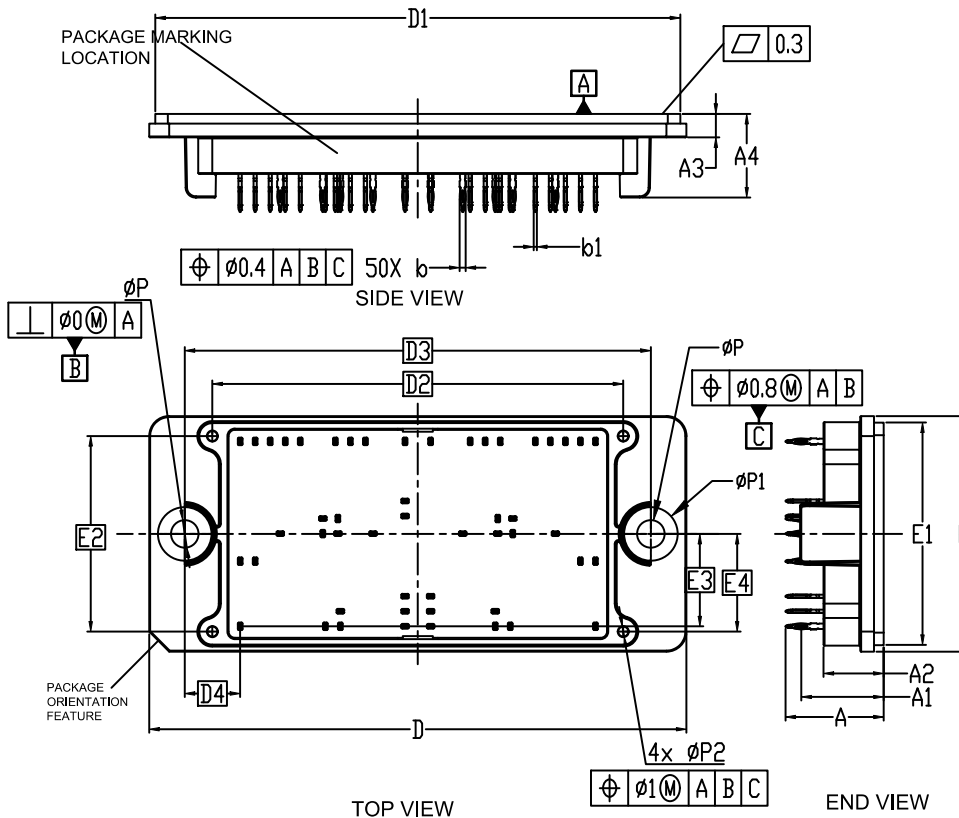


PIM50 93.00x47.00x12.00
CASE 180HZ
ISSUE O

DATE 31 JUL 2024

NOTES:

1. Dimensioning and tolerancing conform to ASME Y14.5
2. All dimensions are in 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 on the side opposite the package orientation feature.
6. The pins are Sn plated press fit pin.



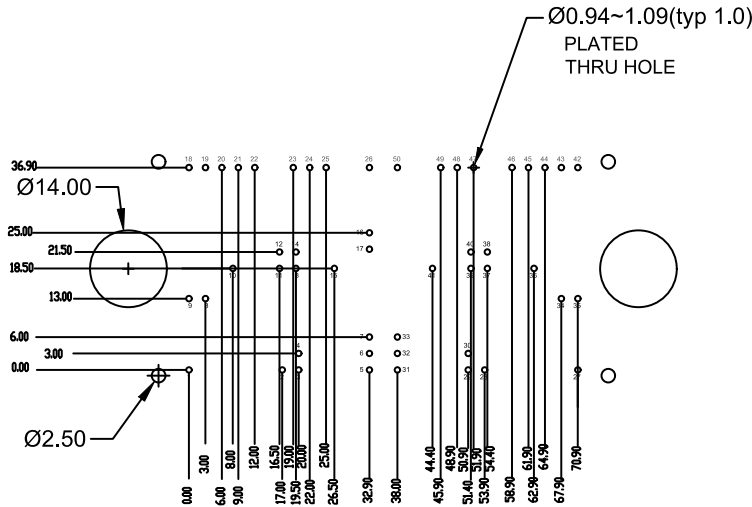
| DIM | MILLIMETERS | | |
|-----|-------------|--------|--------|
| | MIN. | NOM. | MAX. |
| A | 19.20 | 19.60 | 20.00 |
| A1 | 16.25 | 16.45 | 16.65 |
| A2 | 11.70 | 12.00 | 12.30 |
| A3 | 4.40 | 4.70 | 5.00 |
| A4 | 16.40 | 16.70 | 17.00 |
| b | 1.15 | 1.20 | 1.25 |
| b1 | 0.59 | 0.64 | 0.69 |
| D | 106.90 | 107.20 | 107.50 |
| D1 | 104.45 | 104.75 | 105.05 |
| D2 | 82.00 BSC | | |
| D3 | 93.00 BSC | | |
| D4 | 11.05 BSC | | |
| E | 46.70 | 47.00 | 47.30 |
| E1 | 44.10 | 44.40 | 44.70 |
| E2 | 39.00 BSC | | |
| E3 | 18.45 BSC | | |
| E4 | 19.50 BSC | | |
| P | 5.40 | 5.50 | 5.60 |
| P1 | 10.60 | 10.70 | 10.80 |
| P2 | 1.80 | 2.00 | 2.20 |

| | | |
|-------------------------|--------------------------------|--|
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CASE 180HZ
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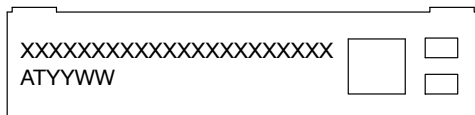


RECOMMENDED MOUNTING PATTERN

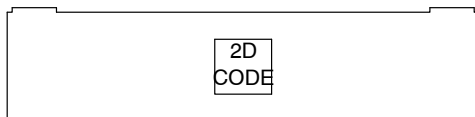
* For additional information on our Pb-Free strategy and soldering details, please download the Onsemi Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

| Pin table | | | | | |
|-----------|-------|-------|-----|-------|-------|
| pin | X | Y | Pin | X | Y |
| 1 | 0 | 0 | 26 | 32.90 | 36.90 |
| 2 | 17 | 0 | 27 | 70.90 | 0 |
| 3 | 20 | 0 | 28 | 53.90 | 0 |
| 4 | 20 | 3 | 29 | 50.90 | 0 |
| 5 | 32.90 | 0 | 30 | 50.90 | 3 |
| 6 | 32.90 | 3 | 31 | 38 | 0 |
| 7 | 32.90 | 6 | 32 | 38 | 3 |
| 8 | 3 | 13 | 33 | 38 | 6 |
| 9 | 0 | 13 | 34 | 67.90 | 13 |
| 10 | 8 | 18.50 | 35 | 70.90 | 13 |
| 11 | 16.50 | 18.50 | 36 | 62.90 | 18.50 |
| 12 | 16.50 | 21.50 | 37 | 54.40 | 18.50 |
| 13 | 19.50 | 21.50 | 38 | 54.40 | 21.50 |
| 14 | 19.50 | 18.50 | 39 | 51.40 | 18.50 |
| 15 | 26.50 | 18.50 | 40 | 51.40 | 21.50 |
| 16 | 32.90 | 25.00 | 41 | 44.40 | 18.50 |
| 17 | 32.90 | 22 | 42 | 70.90 | 36.90 |
| 18 | 0 | 36.90 | 43 | 67.90 | 36.90 |
| 19 | 3 | 36.90 | 44 | 64.90 | 36.90 |
| 20 | 6 | 36.90 | 45 | 61.90 | 36.90 |
| 21 | 9 | 36.90 | 46 | 58.90 | 36.90 |
| 22 | 12 | 36.90 | 47 | 51.90 | 36.90 |
| 23 | 19 | 36.90 | 48 | 48.90 | 36.90 |
| 24 | 22 | 36.90 | 49 | 45.90 | 36.90 |
| 25 | 25 | 36.90 | 50 | 38 | 36.90 |

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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