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|---|---|------------|---------------|--------|-----------------|
| JEDEC<br>SOLID STATE<br>PRODUCT OUTLINE | TITLE<br>PLASTIC FLANGE MOUNTED<br>POWER PACKAGE, 2 LEADS | ISSUE<br>A | DATE<br>11/00 | TO-275 | SHEET<br>2 OF 4 |
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| SYMBOL | VARIATIONS  |       |       |       |
|--------|-------------|-------|-------|-------|
|        | AA          |       |       |       |
|        | MIN         | NOM   | MAX   | NOTES |
| A      | 4.35        | 4.85  | 5.35  |       |
| A1     | 1.00        | 1.25  | 1.50  |       |
| A2     | 2.80        | —     | 3.30  |       |
| b      | 1.00        | 1.20  | 1.40  | 2     |
| b1     | 12.00       | 12.20 | 12.40 | 2     |
| b2     | 3.60        | 4.00  | 4.40  |       |
| b3     | 1.90        | 2.40  | 2.90  |       |
| c      | 0.40        | 0.50  | 0.70  |       |
| c1     | 0.30        | 0.50  | 0.60  | 2     |
| c2     | 0.90        | 1.25  | 1.40  | 2     |
| D      | 11.75       | 12.25 | 12.75 | 3     |
| D1     | 17.60       | 18.10 | 18.60 |       |
| E      | 15.25       | 15.75 | 16.25 | 3     |
| E1     | 15.00       | 15.20 | 15.25 |       |
| E2     | 14.25       | 14.75 | 15.25 |       |
| e      | 5.45 BASIC  |       |       |       |
| L      | 18.60       | 19.10 | 19.60 |       |
| L1     | 3.20        | 3.70  | 4.20  |       |
| L2     | 27.45 BASIC |       |       |       |
| L3     | 4.10 BASIC  |       |       |       |
| L4     | 7.80        | 8.30  | 8.80  |       |
| L5     | 1.30        | 1.80  | 2.30  |       |
| L6     | 1.00        | 1.50  | 2.00  |       |
| L7     | 4.00        | 5.00  | 6.00  |       |
| L8     | —           | —     | 3.50  |       |
| P      | 3.80        | 4.10  | 4.40  |       |
| aaa    | 0.25        |       |       |       |
|        |             |       |       |       |

NOTE 1, 4

REF. 10-405

ISSUE A

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NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.



DIMENSIONS b, b1, c1 AND c2 APPLY TO BASE METAL ONLY.



DIMENSION D AND E DO NOT INCLUDE MOLD FLASH. MOLD FLASH SHALL NOT EXCEED 0.13 MILLIMETERS PER SIDE. THESE DIMENSIONS ARE MEASURED AT THE OUTERMOST EXTREMES OF THE PLASTIC BODY.

4. ALL DIMENSIONS SHOWN IN MILLIMETERS.



LEAD TIP CONTOUR IS OPTIONAL AND SHALL EXTEND 1.50 MILLIMETERS MAXIMUM FROM LEAD TIP.

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