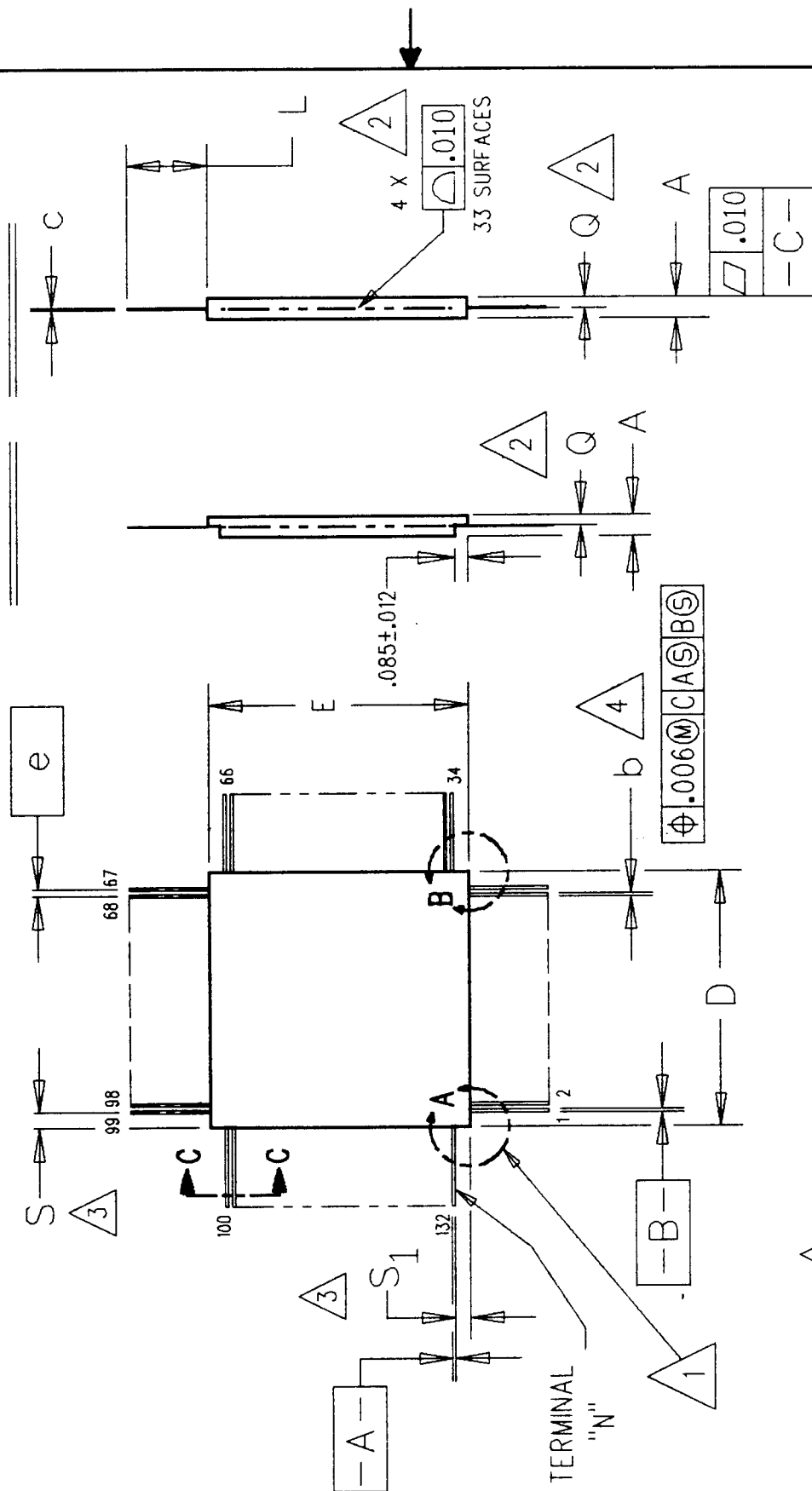


VARIATION AA VARIATION AB



△ = SEE NOTES

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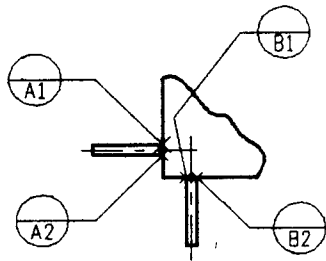
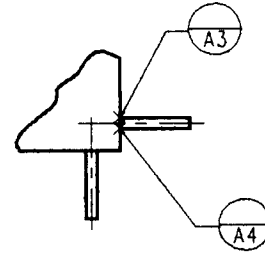
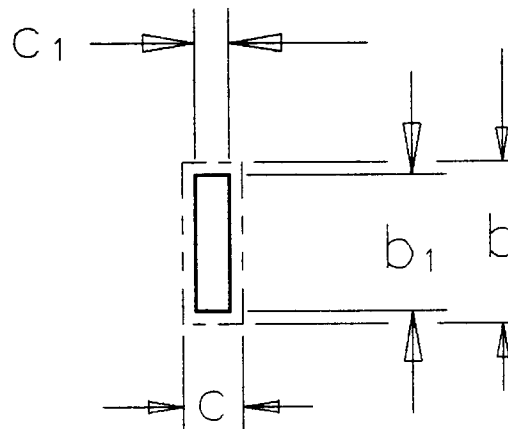
TITLE: ".040" 132 PIN,
QUAD FLATPAK

ISSUE
B

DATE:
11-89

MO-060

| VARIATION AA (CERAMIC) | | | | | | | VARIATION AB (GLASS) | | | | | | |
|---|------------|-------|------|--|-------|------|----------------------|------------|-------|----------------|------------|--------|------|
| SYMBOL | INCHES | | NOTE | MILLIMETER | | NOTE | SYMBOL | INCHES | | NOTE | MILLIMETER | | NOTE |
| | MIN | MAX | | MIN | MAX | | | MIN | MAX | | MIN | MAX | |
| A | .100 | .140 | | 2.54 | 3.56 | | A | .095 | .140 | | 2.41 | 3.56 | |
| b | .015 | .019 | 4,5 | 0.38 | 0.48 | 4,5 | b | .015 | .019 | 4,5 | 0.38 | 0.48 | 4,5 |
| b ₁ | .014 | .0186 | 4,5 | 0.36 | 0.47 | 4,5 | b ₁ | .014 | .0186 | 4,5 | 0.36 | 0.47 | 4,5 |
| c | .006 | .014 | 4,5 | 0.15 | 0.36 | 4,5 | c | .0045 | .0055 | 4,5 | 0.11 | 0.14 | 4,5 |
| c ₁ | .005 | .0136 | 4,5 | 0.13 | 0.35 | 4,5 | c ₁ | .0041 | .0051 | 4,5 | 0.10 | 0.13 | 4,5 |
| D | 1.430 | 1.497 | | 36.32 | 38.02 | | D | 1.430 | 1.500 | | 36.32 | 38.1 | |
| E | 1.430 | 1.497 | | 36.32 | 38.02 | | E | 1.430 | 1.500 | | 36.32 | 38.1 | |
| e | .040 BASIC | | | 1.02 BASIC | | | e | .040 BASIC | | | 1.02 BASIC | | |
| L | .400 | .500 | | 10.16 | 12.7 | | L | .400 | .500 | | 10.16 | 12.7 | |
| N | 132 | | 5 | 132 | | 5 | N | 132 | | 5 | 132 | | 5 |
| Q | .050 | .090 | 2 | 1.27 | 2.29 | 2 | Q | .040 | .080 | 2 | 1.02 | 2.03 | 2 |
| S | — | .105 | 3 | — | 2.67 | 3 | S | — | .105 | 3 | — | 2.67 | 3 |
| S ₁ | .005 | — | 3 | 0.13 | — | 3 | S ₁ | .005 | — | 3 | 0.13 | — | 3 |
| NOTE | 2,3,4,5 | | | | | | | 2,3,4,5 | | | | | |
| REF | 10-232 | | | | | | | 10-232 | | | | | |
| JEDEC SOLID STATE PRODUCT OUTLINE | | | | TITLE: ".040" 132 PIN, QUAD FLATPAK | | | | ISSUE B | | DATE: 11-89 | | MO-060 | |

DETAIL ADETAIL BSECTION C-C

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NOTES: UNLESS OTHERWISE SPECIFIED:

1. LEAD 1 IS AN END LEAD. THE LEAD INDICATOR SHALL BE LOCATED ON THE CERAMIC TOP SURFACE OPPOSITE THE SEATING PLANE AND SHALL BE ADJACENT TO AND CLEARLY POINTED TOWARD LEAD 1. THIS MAY BE A MARK ON THE CERAMIC SURFACE OR A FLAG ON LEAD 1.
2. DIMENSION "Q" SHALL BE MEASURED AT THE POINT OF EXIT OF THE LEAD FROM THE BODY OR CASE. REDUCE THE MINIMUM LIMIT BY THE LEAD FINISH THICKNESS IF LEADS ARE PLATED OR SOLDER COATED. ALL LEADS IN THE BRAZE AREA TO BE COPLANAR TO .010 IN (0.25mm).
3. DIMENSIONS AND S_1 APPLY TO ALL FOUR CORNERS.
4. LEAD POSITION IS TO BE AS FOLLOWS:
 - a. VARIATION AA, CERAMIC CO-FIRED TAPE PACKAGE LEAD POSITION TO BE MEASURED WITHIN THE BRAZE PAD AREA.
 - b. VARIATION AB, GLASSED LEAD FRAME PACKAGE LEAD POSITION TO BE MEASURED WITHIN .030 OF THE GLASS SEAL
5. "N" IS THE MAXIMUM QUANTITY OF LEAD POSITIONS.
6. CONTROLLING DIMENSION: INCH.
7. INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ANSI Y14.5M,1982.

| | | | | |
|---|---|-------------------|----------------|---------------|
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