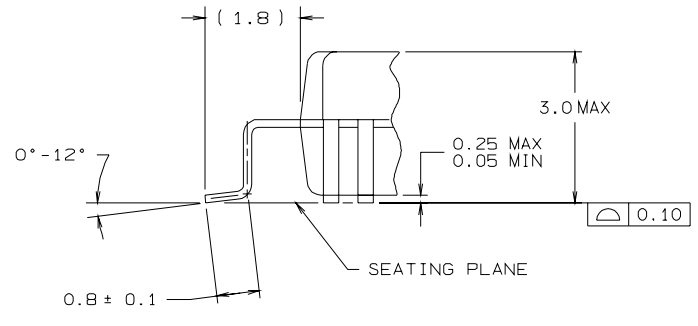
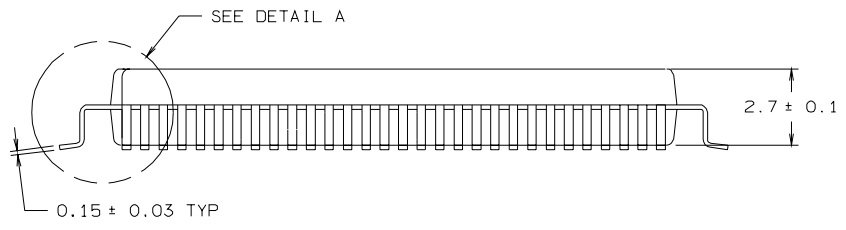
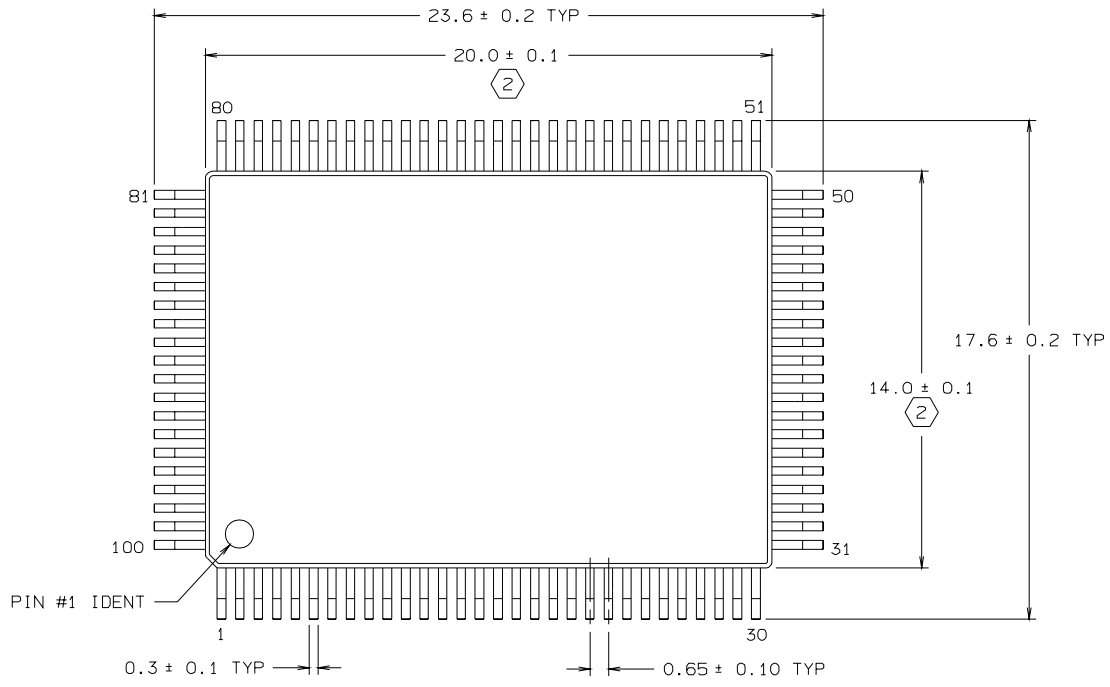


| REVISIONS | | | | |
|-----------|------------------------------------|--------|----------|----------|
| LTR | DESCRIPTION | E.C.N. | DATE | BY/APP'D |
| A | RELEASE TO DOCUMENT CONTROL | 09293 | 08/25/92 | MS/HJK |
| B | REVISE DETAIL A AND NOTES. | 09408 | 10/16/92 | DEG/HJK |
| C | REV NOTE 3;DET A GEO TOL WAS 0.105 | 10049 | 09/23/93 | KES/ |



DIMENSIONS ARE IN MILLIMETERS

NOTES: UNLESS OTHERWISE SPECIFIED

- STANDARD LEAD FINISH:
5.08 MICROMETERS MINIMUM SOLDER THICKNESS ON ALLOY 42/COPPER.
- DIMENSION DOES NOT INCLUDE MOLD PROTRUSION.
MAXIMUM ALLOWABLE MOLD PROTRUSION 0.25mm PER SIDE.
- REFERENCE SEIKO EPSON GFP5S1-100 PIN, ASAT DG2003 AND NSSG.

| | | | | | |
|----------------------|----------|--|------|----------------|-----|
| APPROVALS | DATE | NATIONAL SEMICONDUCTOR CORPORATION | | | |
| DRAWN MARTA SUCHY | 08/25/92 | 2900 Semiconductor Drive, Santa Clara, CA 95052-8090 | | | |
| DF TG. CHK. | | PQFP, (S), 14 X 20 X 2.7 mm, 100 LEAD | | | |
| ENGR. CHK. | | | | | |
| APPROVAL | | | | | |
| PROJECTION | | SCALE | SIZE | DRAWING NUMBER | REV |
| | | N/A | C | MKT-VLJ100A | C |
| | | DO NOT SCALE DRAWING | | SHEET 1 OF 1 | |