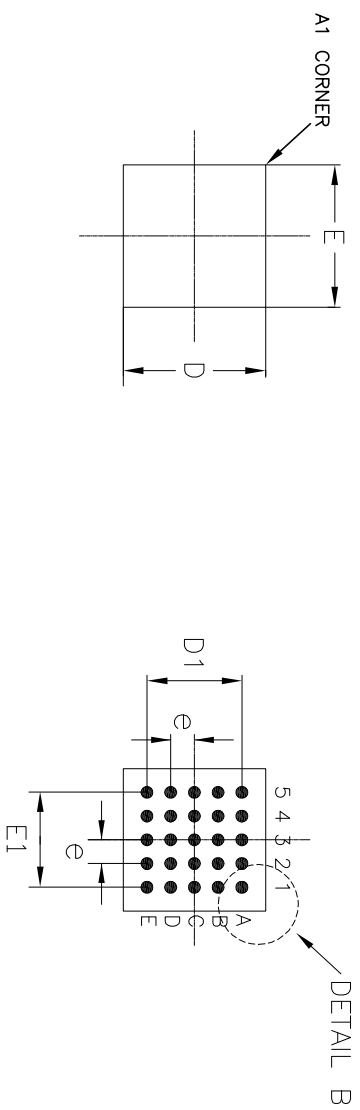
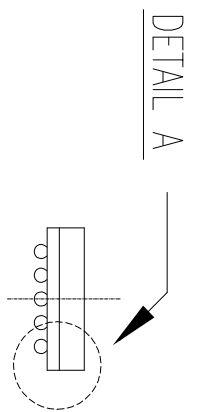


| REVISION HISTORY | | | |
|------------------|---------------------|----------|-------|
| REV. | DISCRIPTION | DATE | APP'D |
| A | DRAWING ORIGINATION | 08/21/09 | PC |

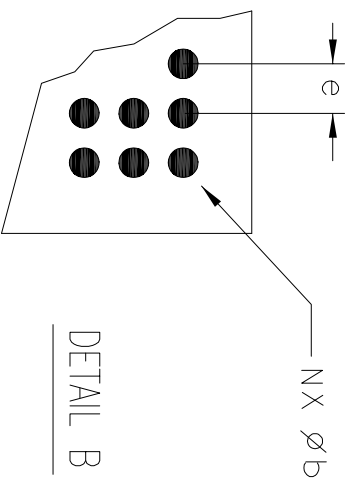


TOP VIEW

BOTTOM VIEW

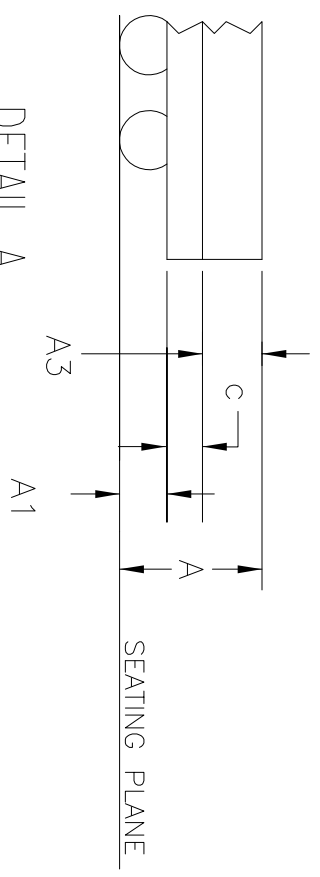


DETAIL A



DETAIL B

SIDE VIEW



DETAIL A

SEATING PLANE

| SYMBOLS | DIMENSIONS IN MM (Control Unit) | | | DIMENSIONS IN INCH (Reference Unit) | | |
|---------|---------------------------------|------|------|-------------------------------------|-------|-------|
| | MIN | NOM | MAX | MIN | NOM | MAX |
| A | — | — | 0.80 | — | — | 0.031 |
| A1 | 0.13 | 0.16 | 0.19 | 0.005 | 0.006 | 0.007 |
| A3 | 0.45 REF | | | 0.018 REF | | |
| c | 0.136 REF | | | 0.005 REF | | |
| D | 3.00 BSC | | | 0.118 BSC | | |
| D1 | 2.00 BSC | | | 0.079 BSC | | |
| E | 3.00 BSC | | | 0.118 BSC | | |
| E1 | 2.00 BSC | | | 0.079 BSC | | |
| b | 0.20 | 0.25 | 0.30 | 0.008 | 0.010 | 0.012 |
| e | 0.50 BSC | | | 0.020 BSC | | |
| M | 5 | | | 5 | | |
| N | 25 | | | 25 | | |

NOTES: 'M' REPRESENTS THE BASIC BALL MATRIX SIZE.

| | | | |
|---------------------|----------------|---------------------------------------|---------------|
| | | EXAR CORPORATION | |
| | | 25-BALL 3X3mm V-fpBGA PACKAGE OUTLINE | |
| Packaging Approval: | | Drawing No: 25-BALL 3X3mm V-fpBGA | |
| By: PC | Date: 08/21/09 | Revision: A | Sheet: 1 OF 1 |