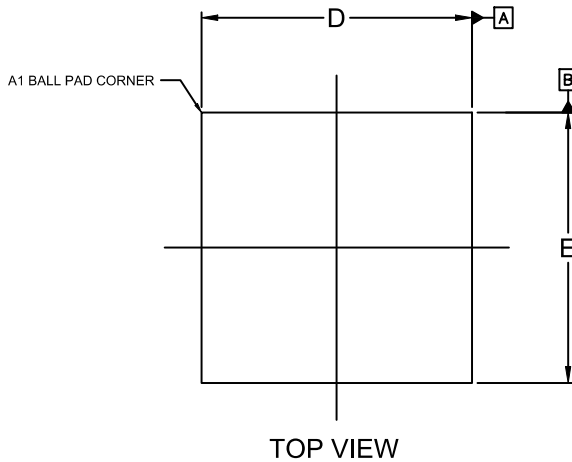


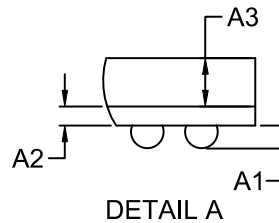
VFBGA78 5x5
CASE 138AW
ISSUE B

DATE 14 MAY 2020



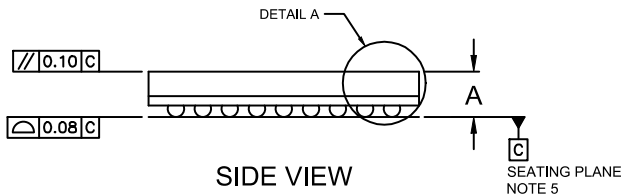
TOP VIEW

- NOTES:
1. DIMENSIONING AND TOLERANCING PER, ASME Y14.5M, 2009.
 2. CONTROLLING DIMENSION: MILLIMETERS
 3. DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER PARALLEL TO DATUM C.
 4. COPLANARITY APPLIES TO THE SPHERICAL CROWNS OF THE SOLDER BALLS.
 5. DATUM C, THE SEATING PLANE, IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.

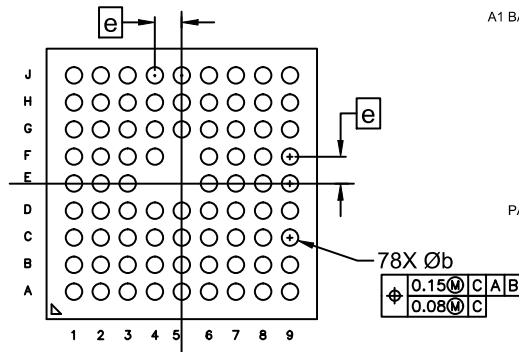


DETAIL A

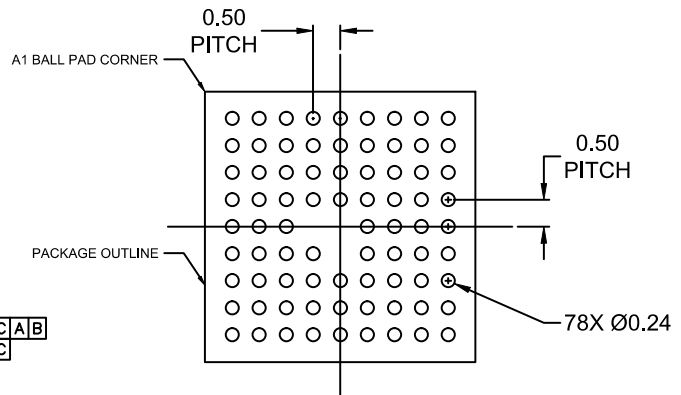
| DIM | MILLIMETERS | | |
|-----|-------------|------|-------|
| | MIN. | NOM. | MAX. |
| A | --- | --- | 0.983 |
| A1 | 0.16 | --- | 0.26 |
| A2 | 0.242 REF | | |
| A3 | 0.450 REF | | |
| b | 0.27 | --- | 0.37 |
| D | 4.90 | 5.00 | 5.10 |
| E | 4.90 | 5.00 | 5.10 |
| e | 0.50 BSC | | |



SIDE VIEW



BOTTOM VIEW



RECOMMENDED MOUNTING FOOTPRINT*

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

GENERIC MARKING DIAGRAM*



- XXXX = Specific Device Code
- A = Assembly Location
- WL = Wafer Lot
- YY = Year
- WW = Work Week
- CCC = Country of Origin
- = Pb-Free Package

*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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| DESCRIPTION: | VFBGA78 5x5 | PAGE 1 OF 1 |

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