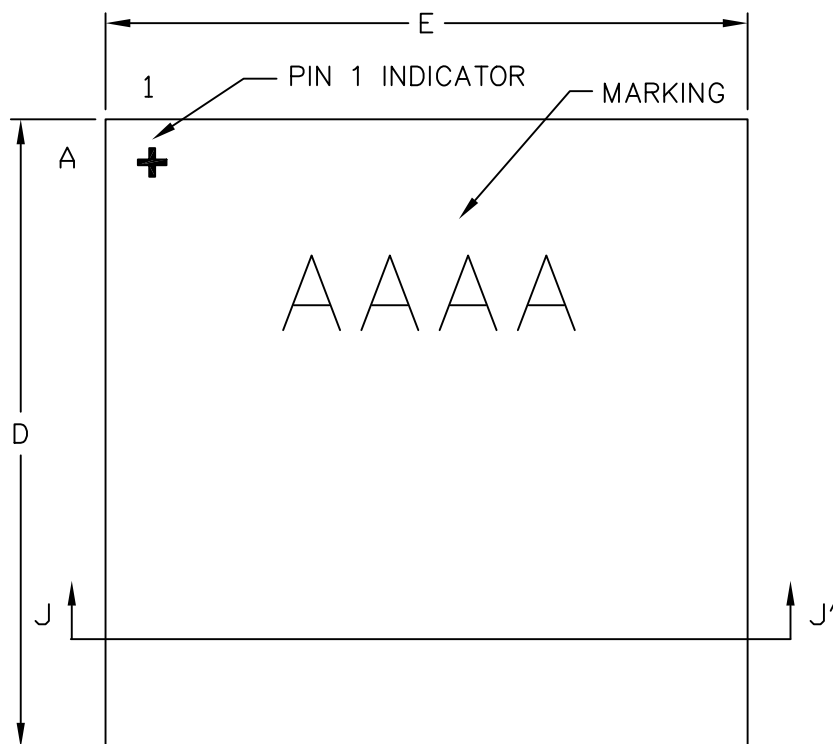
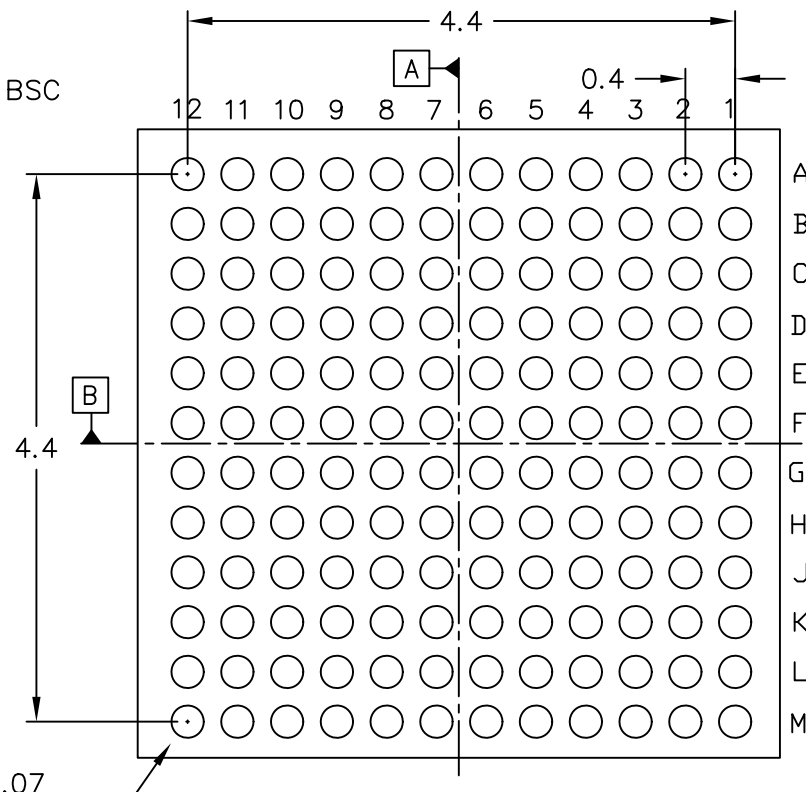
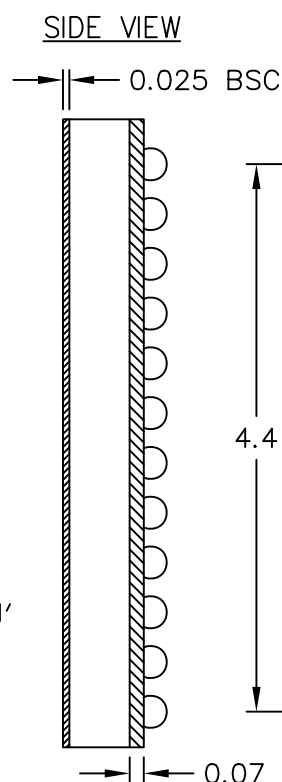


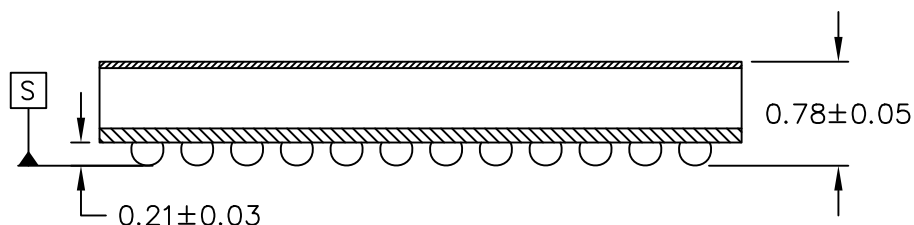


TOP VIEW



BOTTOM VIEW

144- $\phi 0.26 \pm 0.03$   
 $\phi 0.05$  (M) S AB



J-J' Cross section

| PKG. CODE | E    |      | D    |      | DEPOPULATED BUMPS |
|-----------|------|------|------|------|-------------------|
|           | MIN  | MAX  | MIN  | MAX  |                   |
| W1445A5+1 | 4.95 | 5.16 | 4.85 | 5.05 | NONE              |

NOTES:

1. Terminal pitch is defined by terminal center to center value.
2. Outer dimension is defined by center lines between scribe lines.
3. All dimensions in millimeters.
4. Marking shown is for package orientation reference only.
5. Tolerance is  $\pm 0.02\text{mm}$  unless specified otherwise.
6. All dimensions apply to PbFree (+) package codes only.

—DRAWING NOT TO SCALE—

|                                                                                            |                                                    |                              |            |
|--------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------|------------|
|       |                                                    |                              |            |
| <p>TITLE:<br/>           PACKAGE OUTLINE<br/>           144 BUMPS WLP PKG. 0.4mm PITCH</p> |                                                    |                              |            |
| <p>APPROVAL<br/>           TIE WANG<br/>           4/14/10</p>                             | <p>DOCUMENT CONTROL NO.<br/>           21-0375</p> | <p>REV.<br/>           B</p> | <p>1/1</p> |