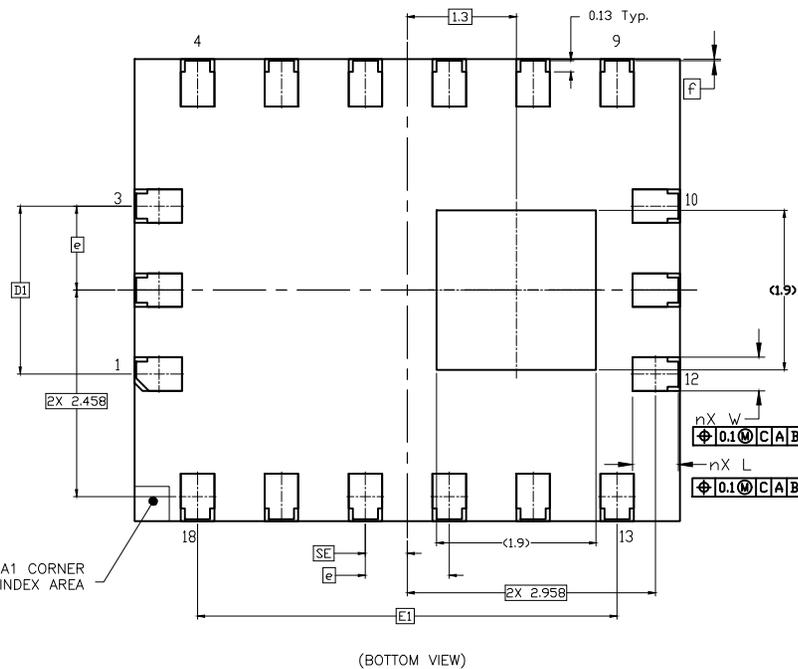


|                             | SYMBOL | COMMON DIMENSIONS |       |       |
|-----------------------------|--------|-------------------|-------|-------|
|                             |        | MIN.              | NDR.  | MAX.  |
| TOTAL THICKNESS             | A      | 1.69              | 1.75  | 1.81  |
| SUBSTRATE THICKNESS         | A1     | 0.25              |       | REF   |
| MOLD THICKNESS              | A2     | 1.5               |       | REF   |
| BODY SIZE                   | D      | 5.5               |       | BSC   |
|                             | E      | 6.5               |       | BSC   |
| LEAD WIDTH                  | W      | 0.35              | 0.4   | 0.45  |
| LEAD LENGTH                 | L      | 0.495             | 0.545 | 0.595 |
| LEAD PITCH                  | e      | 1                 |       | BSC   |
| LEAD COUNT                  | n      | 18                |       |       |
| LEAD TO PACKAGE EDGE SPACE  | f      | 0.02 BSC          |       |       |
| EDGE LEAD CENTER TO CENTER  | D1     | 2                 |       | BSC   |
|                             | E1     | 5                 |       | BSC   |
| BODY CENTER TO CONTACT LEAD | SD     | ---               |       | BSC   |
|                             | SE     | 0.5               |       | BSC   |
| PACKAGE EDGE TOLERANCE      | aaa    | 0.1               |       |       |
| MOLD FLATNESS               | bbb    | 0.1               |       |       |
| COPLANARITY                 | ddd    | 0.08              |       |       |
|                             |        |                   |       |       |
|                             |        |                   |       |       |



- NOTES:
1. PARALLELISM MEASUREMENT SHALL EXCLUDE ANY EFFECT OF MARK ON TOP SURFACE OF PACKAGE.
  2. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
  3. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
  4. MARKING SHOWN IS FOR PKG. ORIENTATION ONLY.
  5. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE.
  6. PACKAGE CODE: L186A5-1

-DRAWING NOT TO SCALE-



TITLE:  
PACKAGE OUTLINE, 18L LGA,  
6.5x5.5x1.75 mm, 1mm PITCH

APPROVAL

DOCUMENT CONTROL NO.  
21-100422

REV. 1  
D 1/1