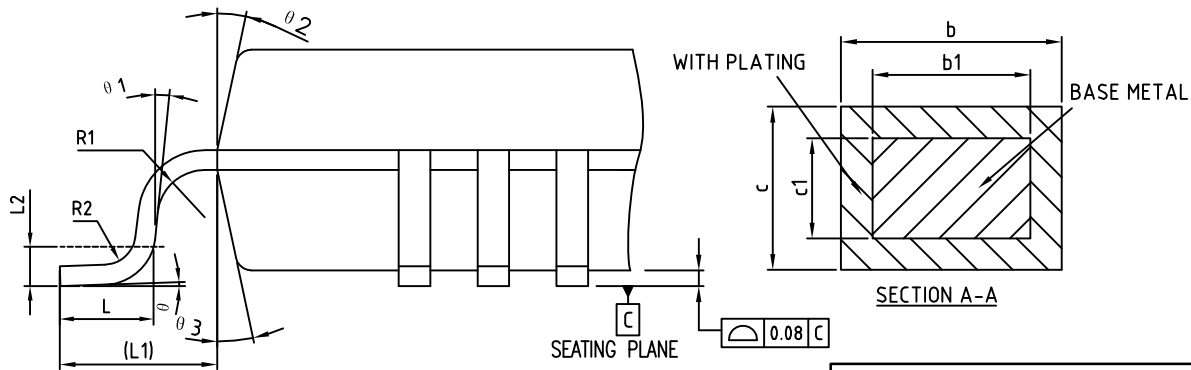


| SYMBOL     | MIN       | NOM   | MAX   |
|------------|-----------|-------|-------|
| A          | —         | —     | 1.60  |
| A1         | 0.05      | —     | 0.15  |
| A2         | 1.35      | 1.40  | 1.45  |
| A3         | 0.59      | 0.64  | 0.69  |
| b          | 0.17      | —     | 0.27  |
| b1         | 0.17      | 0.20  | 0.23  |
| c          | 0.09      | —     | 0.20  |
| c1         | 0.09      | —     | 0.16  |
| D          | 21.80     | 22.00 | 22.20 |
| D1         | 19.90     | 20.00 | 20.10 |
| E          | 21.80     | 22.00 | 22.20 |
| E1         | 19.90     | 20.00 | 20.10 |
| e          | 0.50 BSC. |       |       |
| L          | 0.45      | 0.60  | 0.75  |
| L1         | 1.00 REF  |       |       |
| L2         | 0.25 BSC  |       |       |
| R1         | 0.08      | —     | —     |
| R2         | 0.08      | —     | 0.20  |
| $\theta$   | 0°        | —     | 7°    |
| $\theta 1$ | 0°        | —     | —     |
| $\theta 2$ | 11°       | 12°   | 13°   |
| $\theta 3$ | 11°       | 12°   | 13°   |



**NOTE :**

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. REFER JEDEC MS-026.
3. PACKAGE OUTLINE DIMENSIONS DO NOT INCLUDE MOLD FLASH AND METAL BURR.



DATE: 08/27/14

DESCRIPTION: 144-pin, Low Profile Quad Flat Package (LQFP)

PACKAGE CODE: FH (FH144)

DOCUMENT CONTROL #: PD-2189

REVISION: --