

JESD-30  
DESIGNATOR  
R-PDSO-G

THIS REGISTERED OUTLINE HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

**JEDEC  
SOLID STATE PRODUCT  
OUTLINES**

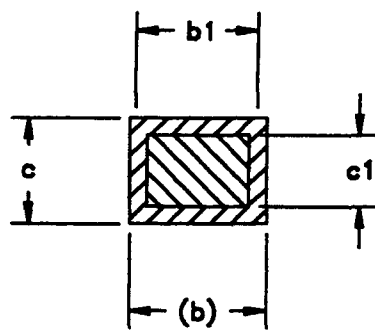
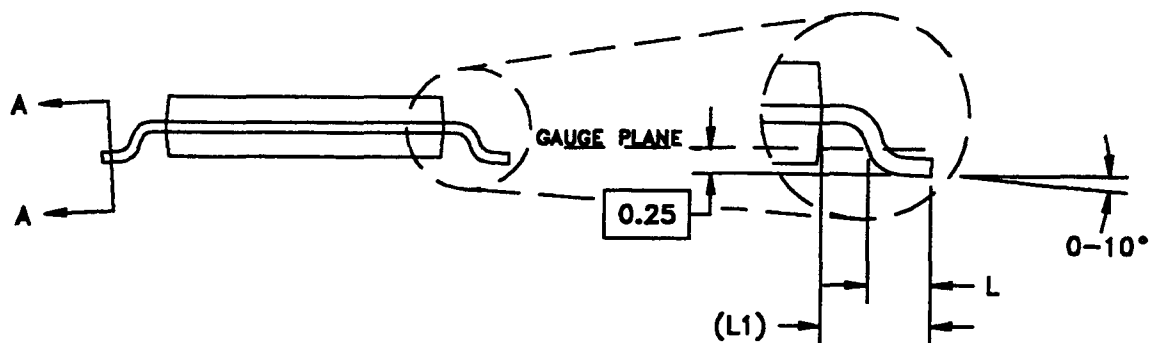
PLASTIC SMALL OUTLINE  
PACKAGE, 12.6MM BODY  
1.27MM LEAD SPACING

ISSUE  
A

**DATE**  
SEP 1995

MO-175

SHEET  
1 OF 3







SECTION A-A



| SYMBOL                          | VARIATIONS |           |      |      |       |           |       |      |
|---------------------------------|------------|-----------|------|------|-------|-----------|-------|------|
|                                 | AA         |           |      | NOTE | AB    |           |       | NOTE |
|                                 | MIN        | NOM       | MAX  |      | MIN   | NOM       | MAX   |      |
| A                               |            |           | 3.1  |      |       |           | 3.1   |      |
| A1                              | 0.05       |           | 0.25 |      | 0.05  |           | 0.25  |      |
| A2                              | 2.5        | 2.7       | 2.9  |      | 2.5   | 2.7       | 2.9   |      |
| b                               | 0.25       |           | 0.45 |      | 0.25  |           | 0.45  |      |
| b1                              | 0.25       | 0.35      | 0.40 |      | 0.25  | 0.35      | 0.40  |      |
| c                               | 0.09       |           | 0.25 |      | 0.09  |           | 0.25  |      |
| c1                              | 0.09       | 0.15      | 0.17 |      | 0.09  | 0.15      | 0.17  |      |
| D                               | 28.0       | 28.2      | 28.4 | 2    | 30.30 | 30.50     | 30.70 | 2    |
| E                               |            | 16.05BSC. |      |      |       | 16.05BSC. |       |      |
| E1                              | 12.4       | 12.6      | 12.8 | 3    | 12.4  | 12.6      | 12.8  | 3    |
| L                               | 0.73       |           | 1.03 |      | 0.73  |           | 1.03  |      |
| L1                              |            | 1.72REF   |      |      |       | 1.72REF   |       |      |
| e                               |            | 1.27BSC.  |      |      |       | 1.27BSC.  |       |      |
| N                               |            | 44        |      | 5    |       | 48        |       | 5    |
| TOLERANCES OF FORM AND POSITION |            |           |      |      |       |           |       |      |
| aaa                             |            |           | 0.25 |      |       |           | 0.25  |      |
| bbb                             |            |           | 0.3  |      |       |           | 0.3   |      |
| NOTE                            | 1, 7       |           |      |      |       |           |       |      |
| REF                             | 11-412     |           |      |      |       |           |       |      |
| ISSUE                           | A          |           |      |      |       |           |       |      |

**NOTES:**

- DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1982
-  DIMENSION D DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15mm PER SIDE. D MEASURED AT [-H-]
-  DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTUSION. INTERLEAD FLASH OR PROTRUSION SHALL NOT EXCEED 0.25mm PER SIDE. E1 MEASURED AT [-H-].
-  A VISUAL INDEX FEATURE MUST BE LOCATED WITHIN THE CROSS-HATCHED AREA.
- N IS THE NUMBER OF LEADS.
-  THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.10mm AND 0.25mm FROM THE LEAD TIP.
- ALL DIMENSIONS IN MILLIMETERS.