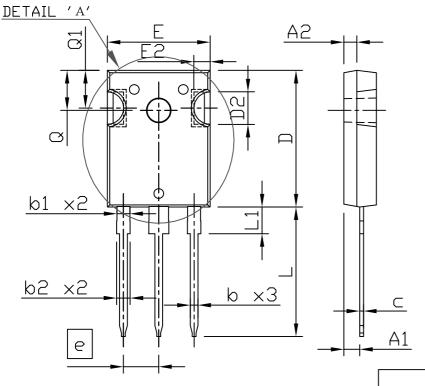
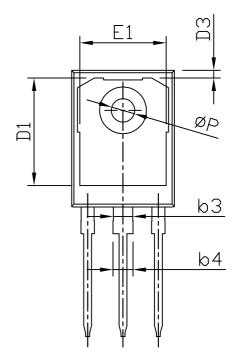
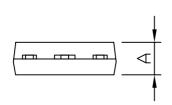


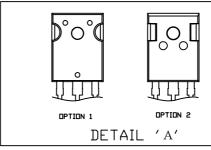
| Document No. | PO-00146 |
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| Version      | С        |

## TO247 PACKAGE OUTLINE

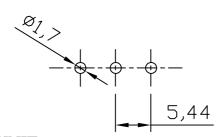








## RECOMMENDED LAND PATTERN



UNIT: mm

| SYMBOLS | DIMENSIONS IN MILLIMETERS |       |       | DIMENSIONS IN INCHES |       |       |
|---------|---------------------------|-------|-------|----------------------|-------|-------|
|         | MIN                       | NDM   | MAX   | MIN                  | NDM   | MAX   |
| Α       | 4.90                      | 5.00  | 5.10  | 0.193                | 0.197 | 0.201 |
| A1      | 2.31                      | 2.42  | 2.52  | 0.091                | 0.095 | 0.099 |
| A2      | 1.90                      | 2.00  | 2.10  | 0.075                | 0.079 | 0.083 |
| b       | 1.16                      | 1.22  | 1.27  | 0.046                | 0.048 | 0.050 |
| b1      | 1.96                      | 2.02  | 2.07  | 0.078                | 0.080 | 0.081 |
| b2      | 2.00                      | 2.10  | 2.20  | 0.079                | 0.083 | 0.087 |
| b3      | 2.96                      | 3.02  | 3.07  | 0.117                | 0.119 | 0.121 |
| b4      | 3.00                      | 3.10  | 3.20  | 0.118                | 0.122 | 0.126 |
| _       | 0.59                      | 0.62  | 0.66  | 0.023                | 0.024 | 0.026 |
| D       | 20.90                     | 21.00 | 21.10 | 0.823                | 0.827 | 0.831 |
| D1      | 16.25                     | 16.55 | 16.85 | 0.640                | 0.652 | 0.663 |
| D2      | 5.00 TYP                  |       |       | 0.197 TYP            |       |       |
| D3      | 1.05                      | 1.20  | 1.35  | 0.041                | 0.047 | 0.053 |
| е       | 5.44 BSC                  |       |       | 0.214 BSC            |       |       |
| E       | 15.70                     | 15.80 | 15.90 | 0.618                | 0.622 | 0.626 |
| E1      | 13.06                     | 13.26 | 13.50 | 0.514                | 0.522 | 0.530 |
| E2      | 2.50 TYP                  |       |       | 0.098 TYP            |       |       |
| L       | 19.72                     | 19.92 | 20.12 | 0.776                | 0.784 | 0.792 |
| L1      |                           |       | 4.30  |                      |       | 0.169 |
| Q       | 6.15 BSC                  |       |       | 0.242 BSC            |       |       |
| Q1      | 5.60                      | 5.80  | 6.00  | 0.220                | 0.228 | 0.236 |
| ØΡ      | 3.55                      | 3.60  | 3.70  | 0.140                | 0.142 | 0.146 |

## **NOTE**

- 1. PAKCAGE BODY SIZES EXCLUDE MOLD FLASH AND GATE BURRS. MOLD FLASH AT THE NON-LEAD SIDES SHOULD BE LESS THAN 6 MILS EACH.
- 2. CONTROLLING DIMENSION IS MILLIMETER. CONVERTED INCH DIMENSIONS ARE NOT NECESSARILY EXACT.