



| COMMON DIMENSIONS | | | | |
|-------------------|----------|-------|----------|------|
| SYMBOL | INCHES | | MM | |
| | MIN. | MAX. | MIN. | MAX. |
| A | .053 | .069 | 1.35 | 1.75 |
| A1 | .004 | .010 | 0.10 | 0.25 |
| b | .014 | .019 | 0.35 | 0.49 |
| c | .007 | .010 | 0.19 | 0.25 |
| E | .150 | .157 | 3.80 | 4.00 |
| e | .050 BSC | | 1.27 BSC | |
| H | .228 | .244 | 5.80 | 6.20 |
| L | .016 | .050 | 0.40 | 1.27 |
| α | 0° | 8° | 0° | 8° |
| h | 0.01 | 0.019 | 0.25 | 0.5 |

| VARIATION A | | | | |
|-------------|---|------|------|------|
| SYMBOL | INCHES | | MM | |
| | MIN. | MAX. | MIN. | MAX. |
| D | .189 | .197 | 4.80 | 5.00 |
| N | 8 | | | |
| MS012 | AA | | | |
| PKG. CODE | S8-2, S8-2C, S8-4, S8-5, S8-6F, S8-7F, S8-8F, S8-10F, S8-11F, S8-16F, S8-19F, S8-20, S8-21, S8MK-1, S8M-5, S8MS-22, S8-22 | | | |

| VARIATION B | | | | |
|-------------|--|------|------|------|
| SYMBOL | INCHES | | MM | |
| | MIN. | MAX. | MIN. | MAX. |
| D | .337 | .344 | 8.55 | 8.75 |
| N | 14 | | | |
| MS012 | AB | | | |
| PKG. CODE | S14-1, S14-4, S14-5, S14-6, S14M-4, S14M-5, S14M-6, S14M-7 | | | |

| VARIATION C | | | | |
|-------------|---|------|------|-------|
| SYMBOL | INCHES | | MM | |
| | MIN. | MAX. | MIN. | MAX. |
| D | .386 | .394 | 9.80 | 10.00 |
| N | 16 | | | |
| MS012 | AC | | | |
| PKG. CODE | S16-1, S16-3, S16-5, S16-6, S16-8, S16-7F, S16-9F, S16-10F, S16M-3, S16M-6, S16M-11, S16MS-12 | | | |

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
3. DIMENSIONS D AND E DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.15 MM (.006") PER SIDE.
4. LEADS TO BE COPLANAR WITHIN 0.10mm (.004").
5. MEETS JEDEC MS012
6. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE,
8L, 14L, 16L SOIC .150 INCH

APPROVAL

DOCUMENT CONTROL NO.
21-0041

REV.

L 1/1