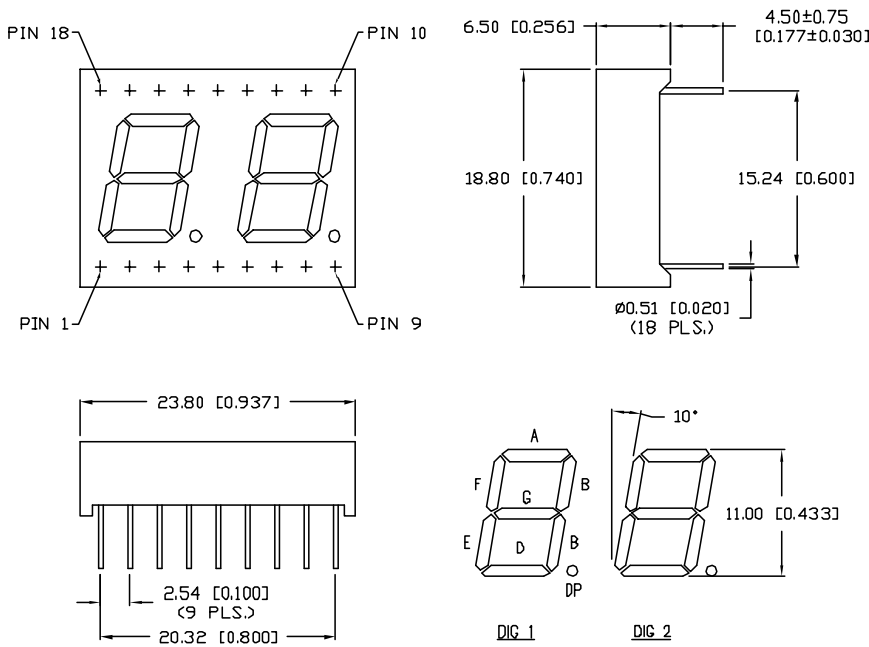


UNCONTROLLED DOCUMENT

| | | |
|-------------|-------------------------------------|---------|
| PART NUMBER | | REV. |
| LDD-A4306RI | | B |
| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
| A | E.C.N. #10BRDR. & REDRAWN. | 2-12-99 |
| B | E.C.N. #11148. | 4.26.07 |



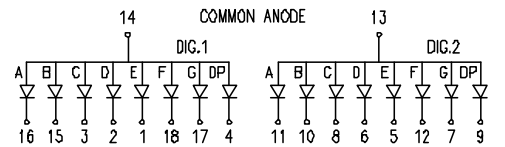
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------|----------------------|-----------|-----|----------------|----------------------|
| PEAK WAVELENGTH | | 660 (RED) | | nm | |
| FORWARD VOLTAGE | | 1.7 | 2.3 | V_f | |
| REVERSE VOLTAGE | 4.0 | | | V_r | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY | | 11,000 | | μcd | $I_f=10\text{mA}$ |
| EMITTED COLOR: | RED | | | | |
| FACE COLOR: | GRAY | | | | |
| SEGMENT COLOR: | MILKY WHITE DIFFUSED | | | | |

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

| PARAMETER | MAX | UNITS |
|--------------------------|------------|------------|
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 100 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING, STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | | 3 SEC. MAX |

* $t < 10\mu\text{s}$



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION -0.00 MAX.=+0.00 -DECIMAL PRECISION

| | |
|---|-------------|
| REV. | PART NUMBER |
| B | LDD-A4306RI |
| 0.43" SEVEN SEGMENT, DUAL DIGIT DISPLAY, 660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS COMMON ANODE, RIGHT DECIMAL PLACES. | |

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RELIABILITY NOTE
 OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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|-----------|-------------|--------------|--------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: |
| JC | | | 4.6.98 |
| | | | PAGE: 1 OF 1 |
| | | | SCALE: N/A |

