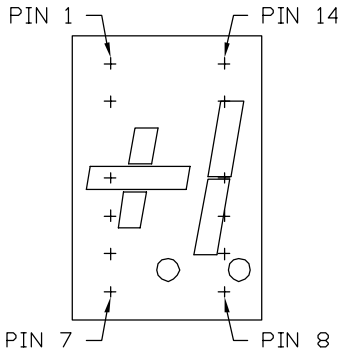
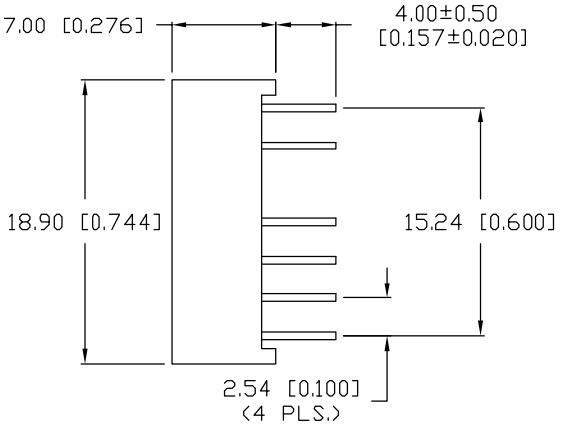
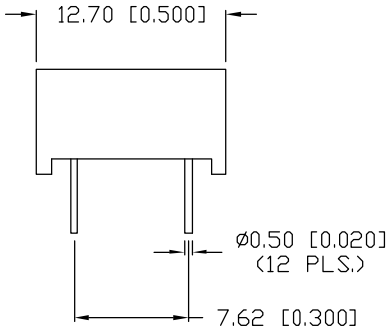
UNCONTROLLED DOCUMENT

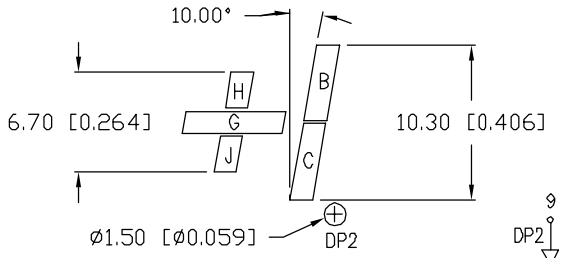
| REV. | PART NUMBER |
|---|---|
| | LDF-U4016RI |




CHARACTER DETAIL



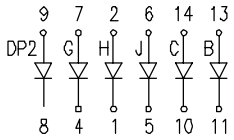

ELECTRO-OPTICAL CHARACTERISTICS $T_A$=25°C $I_f$=10mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|---|---|---|---|---|---|
| PEAK WAVELENGTH | | 660 | | nm | |
| FORWARD VOLTAGE | | 1.7 | 2.2 | $V_f$ | |
| REVERSE VOLTAGE | 4.0 | | | $V_r$ | $I_r$=100µA |
| AXIAL INTENSITY | | 9000 | | µcd | $I_f$=10mA |
| 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 | 105 | 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<10µS




NOTES:

1. DP1: NO CHIP.
2. NO PINS: 3, 12.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±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 |
|---|---|
| | LDF-U4016RI |

0.405" SINGLE DIGIT OVERFLOW DISPLAY,
660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
UNIVERSAL COMMON, RIGHT DECIMAL POINT.



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: 6.13.03 |
|---|---|---|---|
| CT | | | PAGE: 1 OF 1 |
| | | | SCALE: N/A |