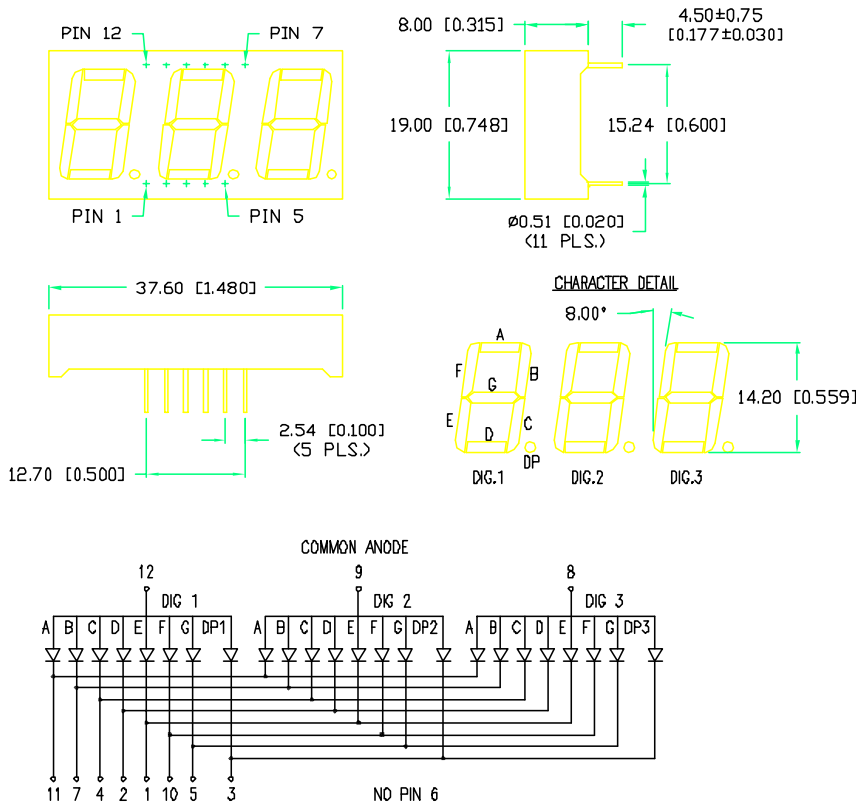


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| PART NUMBER LDT-M513RI | | REV. |
| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |



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

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------|----------------------|------|-----|----------------|-----------------------|
| PEAK WAVELENGTH | | 585 | | nm | |
| FORWARD VOLTAGE | | 2.1 | 2.5 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | I _r =100µA |
| AXIAL INTENSITY | | 1400 | | µcd | I _f =10mA |
| EMITTED COLOR: | YELLOW | | | | |
| 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

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

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|---|---------------------------|--|---|
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| 0.52" SEVEN SEGMENT, TRIPLE DIGIT DISPLAY, COMMON ANODE, 585nm YELLOW CHIPS, GRAY FACE WITH WHITE SEGMENTS. | | | |