



| PART NUMBER | LDS-CA12RI | REV. | B |
|-------------|-------------------------------------|------|------|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 04.22.98 | E.C.N. #10BRDR. & REDRAWN. | | A |
| 01.03.13 | E.C.N. #10BRDR. & REDRAWN. | | B |

A

| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA | | | | | |
|---|----------------------|---------|---------|-------|-----------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH (G) | | 565 | | nm | |
| FORWARD VOLTAGE | | 4.4/2.2 | 5.2/2.6 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=100µA |
| AXIAL INTENSITY | | 6300 | | µcd | If=10mA |
| EMITTED COLOR: | GREEN | | | | |
| FONT COLOR: | GREY | | | | |
| SEGMENT COLOR: | MILKY WHITE DIFFUSED | | | | |

| LIMITS OF SAFE OPERATION AT 25°C PER CHIP | | |
|---|------------|-------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 25 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING TEMP. | -20 TO +80 | °C |
| STORAGE TEMP. | -20 TO +80 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | 3 | SEC. |

* t<10µS

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.

Mouser Electronics

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