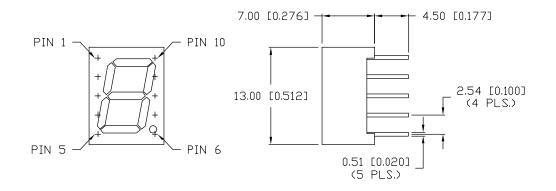
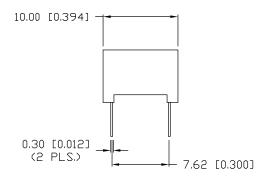
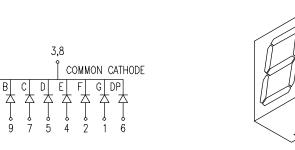
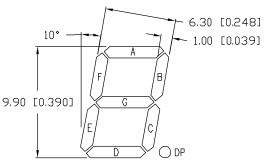
LDS-C3902RI-SUG









ELECTRO-OPTICAL CHARACTERISTICS TA=25°C $I_f = 10mA$ PARAMETER MIN TYP MAX UNITS TEST COND PEAK WAVELENGTH 574 nm FORWARD VOLTAGE 2.2 2.6 ٧f REVERSE VOLTAGE 5.0 V_r $I_r = 100 \mu A$ AXIAL INTENSITY 7000 $l_f=10mA$ μcd EMITTED COLOR: GREEN FACE COLOR: GRAY SEGMENT COLOR: MILKY WHITE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C PER DIE

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

UNCONTROLLED

*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 ARE: X=±0.000 (±0.000), X.XX=±0.000 (±0.00

REV.

PART NUMBER LDS-C3902RI-SUG

0.39" SEVEN SEGMENT, LED DISPLAY, COMMON CATHODE, 574nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS. CONFIDENTIAL INFORMATION

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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.



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 3.23.03 PAGE: 1 OF 1 SCALE: N/A