

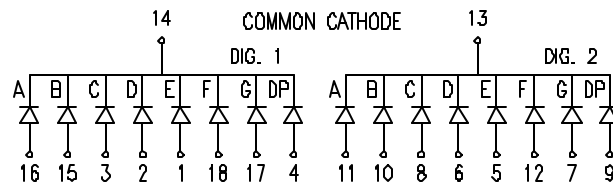
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}C$ $I_f=10mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY		980		μcd	$I_f=10mA$
EMITTED COLOR:	RED				
FACE COLOR:	BLACK				
SEGMENT COLOR:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	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	

* $t < 10\mu S$



*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25mm$ ($\pm 0.010^{\circ}$)

REPLACES PART#: LDD-C505RE

REV.	PART NUMBER LDD-C5005RE
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290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
PHONE: 1-847-359-2790
WEB: HTTP://WWW.LUMEX.COM

0.50" DUAL DIGIT SEVEN SEGMENT DISPLAY,
700nm RED CHIPS, COMMON CATHODE,
RED DIFFUSED SEGMENTS, BLACK FACE.

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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 8-27-98
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			SCALE: N/A

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