

UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010''$ )

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.0	2.8	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		2500		ucd	$I_f=20\text{mA}$
VIEWING ANGLE				$2 \times \theta$	
EMITTED COLOR	GREEN				
EPOXY SEGMENT	MILKY WHITE DIFFUSED				
FONT COLOR	GRAY				

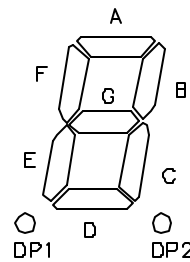
LIMITS OF SAFE OPERATION PER SEGMENT AT  $25^\circ\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-0.8	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

\*  $t < 10\mu\text{s}$

NOTES:

- UNITS: mm (INCHES). TOLERANCE: 0.25 (0.01"), UNLESS OTHERWISE SPECIFIED.
- $I_v$  TESTED CONDITION  $I_f=10\text{mA}$  AND THE LISTED  $I_v$  IS THE AVERAGE INTENSITY FOR EVERY SEGMENT LISTED.



**LUMEX**  
OPTO COMPONENTS INC.

290 E. HELLEN ROAD  
PALATINE, ILLINOIS 60067  
(847) 359-2790

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DATE: 9-21-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

.8" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, GREEN  
GRAY/WHITE

PAGE 1 OF 1	DRAWING NUMBER LDS-C812RI	REV
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