

DATE	REVISIONS	REV	DRAWING NUMBER LDS-A354RI	REV
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NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS THEN INCHES: TOLERANCE IS ± 0.25 (0.01") UNLESS OTHERWISE SPECIFIED.
- IV TESTED CONDITION $I_F=10\text{mA}$ AND THE LISTED IV IS THE AVERAGE INTENSITY FOR EVERY SEGMENT LISTED.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		5000		ucd	$I_f=10\text{mA}$
EMITTED COLOR	RED				
EPOXY SEGMENT	MILKY WHITE	DIFFUSED			
FONT COLOR	GRAY				

LIMITS OF SAFE OPERATION AT 25°C (PER SEGMENT)

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
OPERATING TEMP	-40 TO $+85$	$^\circ\text{C}$
STORAGE TEMP	-40 TO $+85$	$^\circ\text{C}$
LEAD SOLDERING TEMP	$+260$	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

OPTO COMPONENTS INC.

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

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DATE: 12-16-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

.30" SEVEN SEGMENT SINGLE DIGIT DISPLAY, RED

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