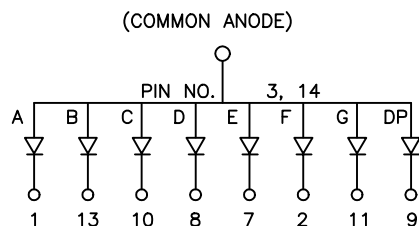
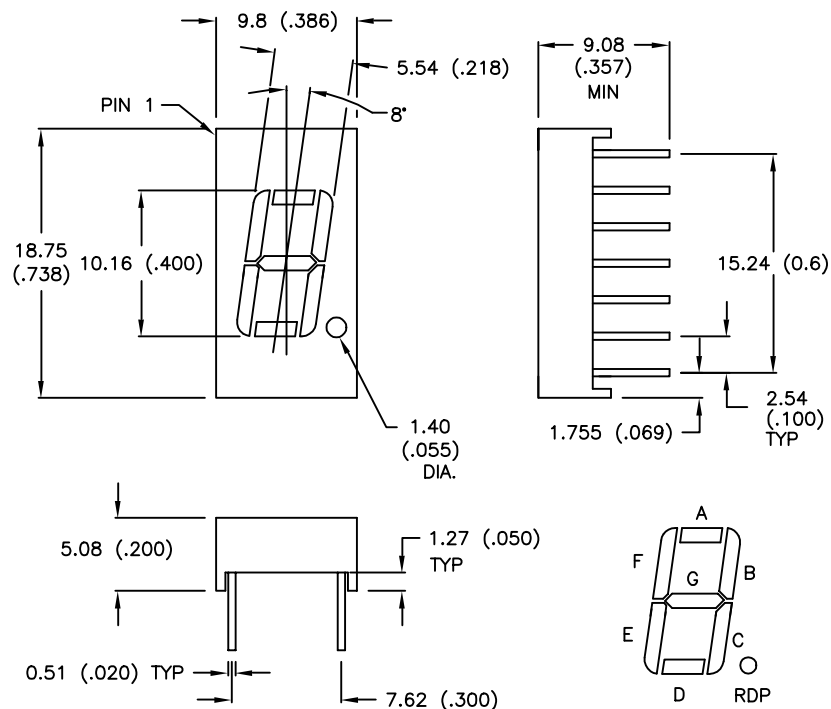


DATE	REVISIONS	REV
9-22-94	REDRAWN./	A

DRAWING NUMBER	REV
LDS-A404RU	A



PIN NO. 6 (NC)  
NO PIN NOS. 4,5,12

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (ORANGE)		nm	
FORWARD VOLTAGE		2.1	2.6	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		1400		ucd	$I_f = 10\text{mA}$
EMITTED COLOR	ORANGE/RED				
EPOXY SEGMENT	ORANGE				
FONT COLOR	ORANGE				

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

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	50	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	416	mW
DERATE FROM $25^\circ\text{C}$	N/A	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP	$-25$ TO $+80$	$^\circ\text{C}$
LEAD SOLDERING TEMP	$+230$	$^\circ\text{C}$
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: 10-19-92	DWN:	CHK'D:	APPD:
SCALE: N/A			

.40" RED, SEVEN SEGMENT DISPLAY,  
COMMON ANODE

PAGE 1 OF 1	DRAWING NUMBER LDS-A404RU	REV A
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