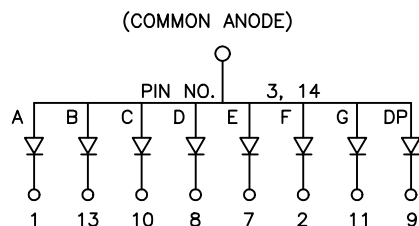
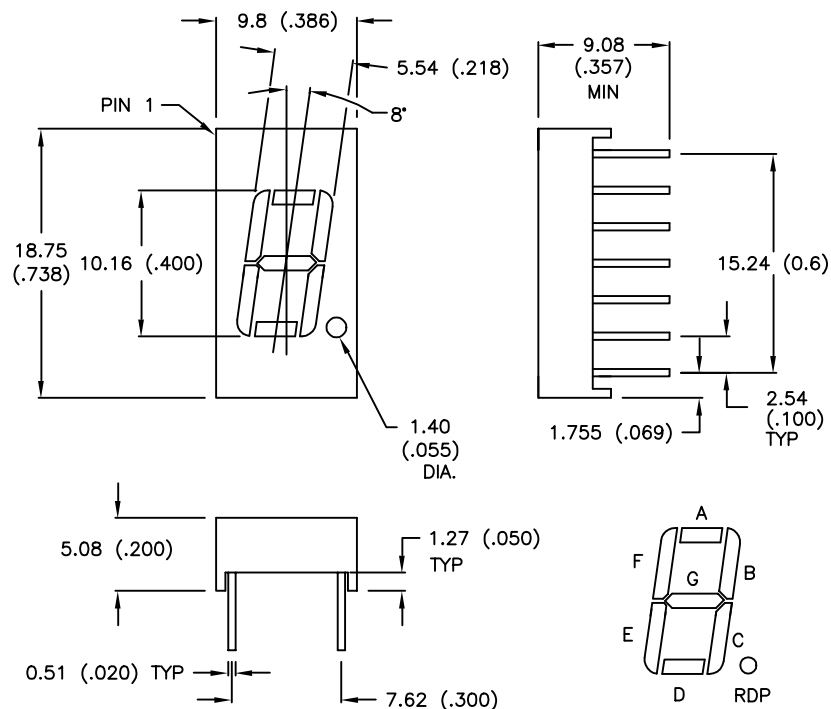


DATE	REVISIONS	REV
9-22-94	REDRAWN./	A

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°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	50	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	416	mW
DERATE FROM 25°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:

1. UNITS: mm (INCHES). TOLERANCE: 0.25 (0.01"), UNLESS OTHERWISE SPECIFIED.
2. 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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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
-------------	------------------------------	----------