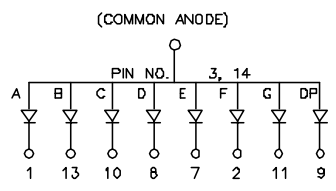
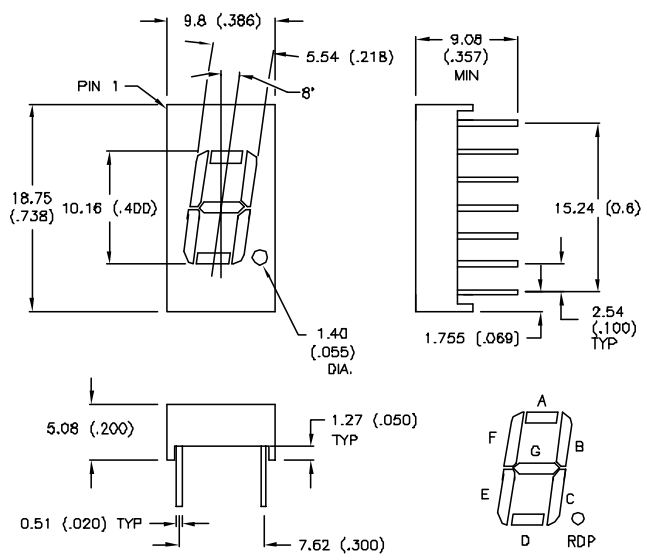


DATE	REVISIONS	REV

DRAWING NUMBER	REV
LDS-A403RD	



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		3500		ucd	$I_f = 10\text{mA}$
EMITTED COLOR	YELLOW				
EPOXY SEGMENT	MILKY WHITE DIFFUSED				
FONT COLOR	BLACK				

LIMITS OF SAFE OPERATION PER CHIP AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP	-25 TO +85	°C
LEAD SOLDERING TEMP	+260	°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.
- IV TESTED CONDITION $I_f = 10\text{mA}$ AND THE LISTED IV IS THE AVERAGE INTENSITY FOR EVERY SEGMENT LISTED.



290 E. HELLEN ROAD
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DATE: 5-21-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

.4" YELLOW, SEVEN SEGMENT DISPLAY,
COMMON ANODE, BLACK/WHITE

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