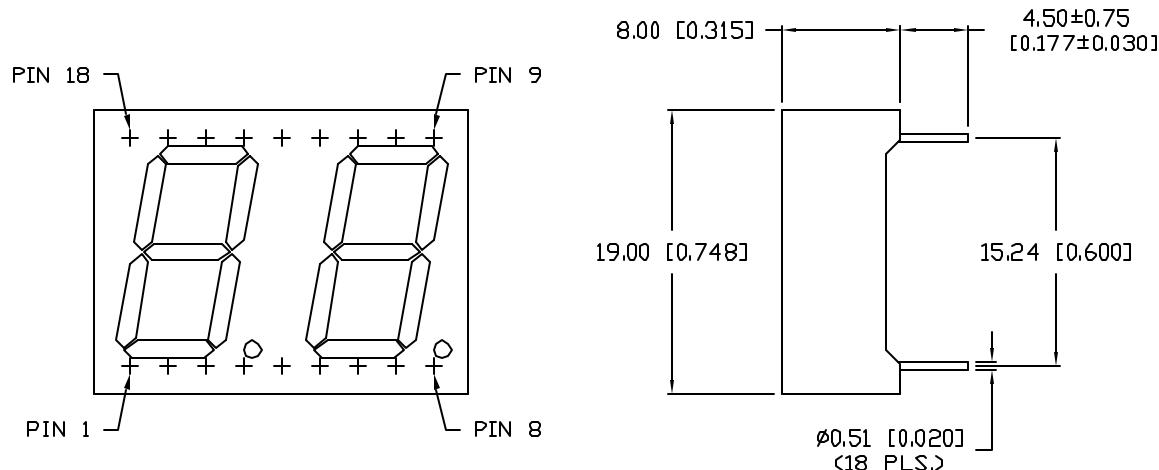
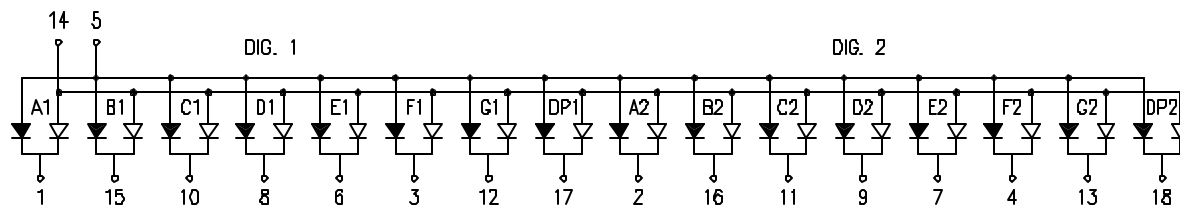
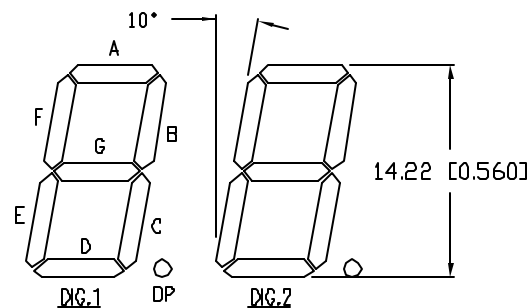


UNCONTROLLED DOCUMENT



CHARACTER DETAIL



PART NUMBER			REV.
LDD-M50024RD			
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		635 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (G/R)		3900/3900		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN/RED				
FACE COLOR:	BLACK				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

COMMON ANODE

PIN 5 $\rightarrow$ RED

PIN 14 $\rightarrow$ GREEN

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

REV.

PART NUMBER

LDD-M50024RD

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

LUMEX
INCORPORATED

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
PHONE: 1-847-359-2790
WEB: HTTP://WWW.LUMEX.COM

0.50" SEVEN SEGMENT, DUAL DIGIT DISPLAY, BICOLOR, 565nm GREEN/635nm RED, BLACK FACE, WHITE SEGMENTS, COMMON ANODE, RIGHT DECIMAL PLACES.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 1.26.06
JD			PAGE: 1 OF 1
			SCALE: N/A