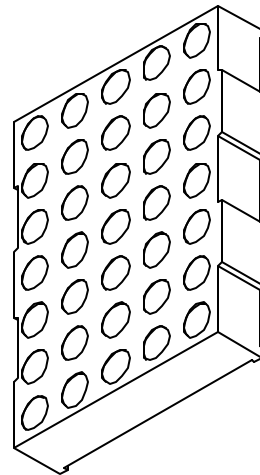
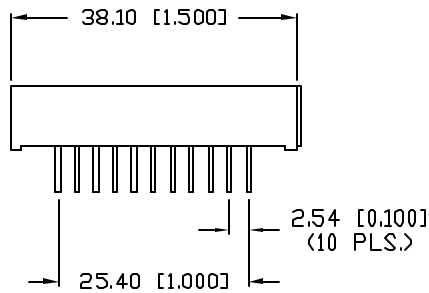
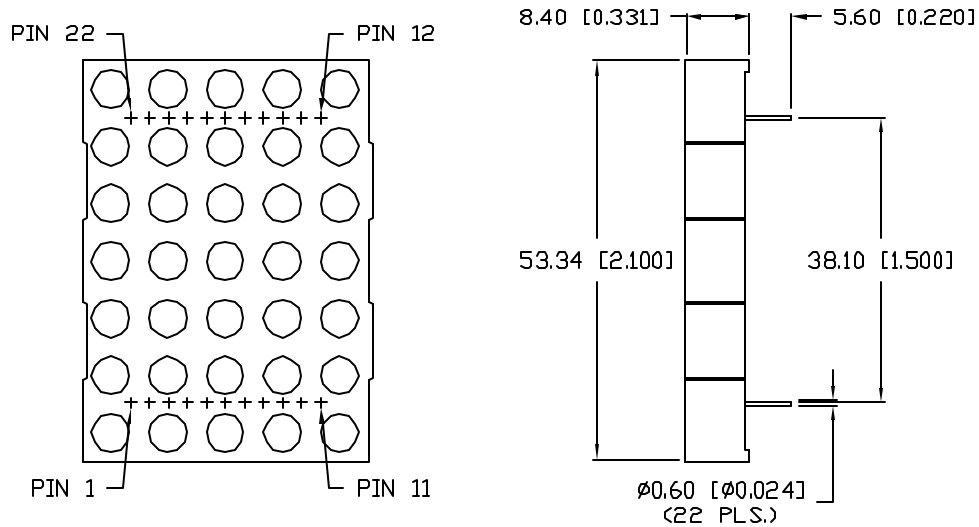


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
LDM-2124757NI		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	6.28.03



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

PARAMETER	GREEN	RED	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	565	635	430	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	4.5	$V_f$	
FORWARD VOLTAGE (MAX.)	2.6	2.5	5.5	$V_f$	
REVERSE VOLTAGE	5.0	5.0	5.0	$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	2500	2000	2000	$\mu\text{cd}$	$I_f=10\text{mA}$
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

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

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R/B)	25/30/30	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^\circ\text{C}$		-1.6	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

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

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.039$ ), XX= $\pm 0.5$  ( $\pm 0.020$ ), XXX= $\pm 0.25$  ( $\pm 0.010$ ), XXXX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ), MIN.= +DECIMAL PRECISION -0.00, MAX.= +0.00 -DECIMAL PRECISION

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REV.	PART NUMBER
A	LDM-2124757NI
2.10", FULL COLOR, 5 x 7 DOT MATRIX LED DISPLAY, RGB CHIPS, GRAY FACE WITH WHITE SEGMENTS, COLUMN CATHODE, 22 PINS.	

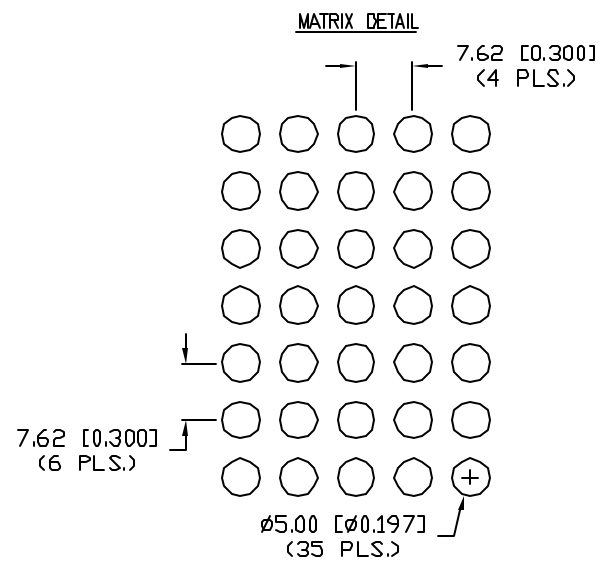
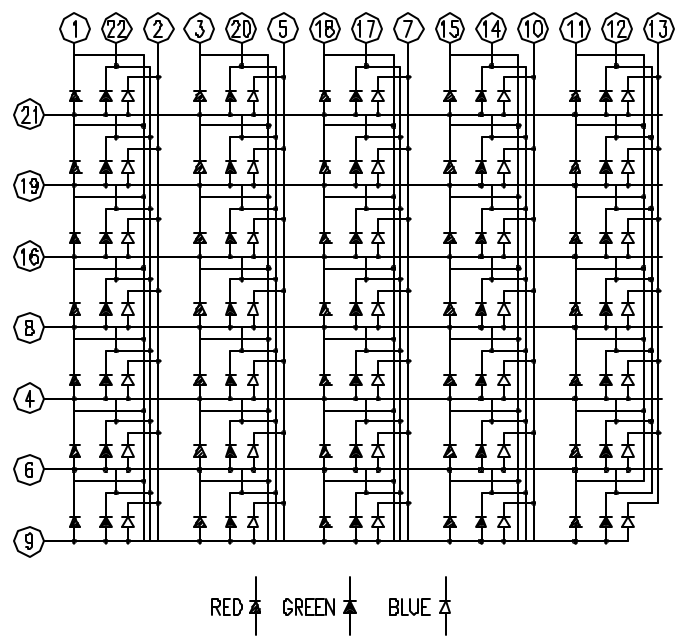
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**RELIABILITY NOTE**  
 OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

		290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
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SCALE:	N/A	


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PART NUMBER LDM-2124757NI		REV. A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
	SEE PAGE 1.	



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

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