

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	470	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	3.5	$V_f$	
FORWARD VOLTAGE (MAX.)	2.6	2.5	4.0	$V_f$	
REVERSE VOLTAGE	5.0	5.0	5.0	$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	2500	2000	6000	$\mu\text{cd}$	$I_f=10\text{mA}$
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	(G/R/B)	105/105/120	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=±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

REV.

PART NUMBER

LDM-2124757NI-IGUB

2.10", FULL COLOR, 5 x 7 DOT MATRIX LED DISPLAY,  
RGB CHIPS, GRAY FACE WITH WHITE SEGMENTS,  
COLUMN CATHODE, 22 PINS.

CONFIDENTIAL INFORMATION

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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.



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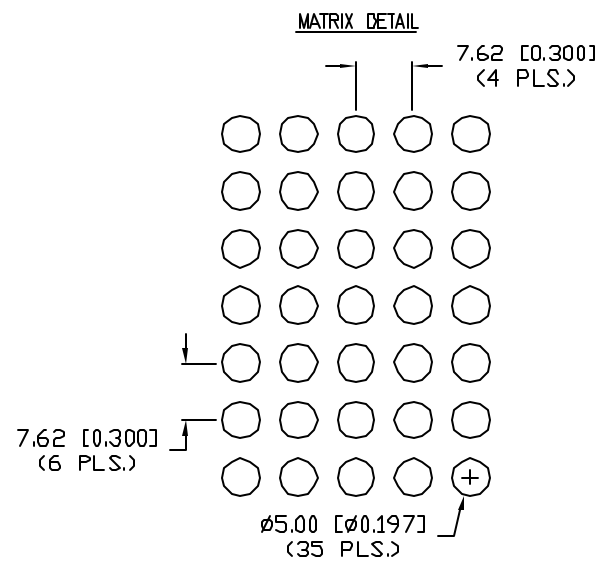
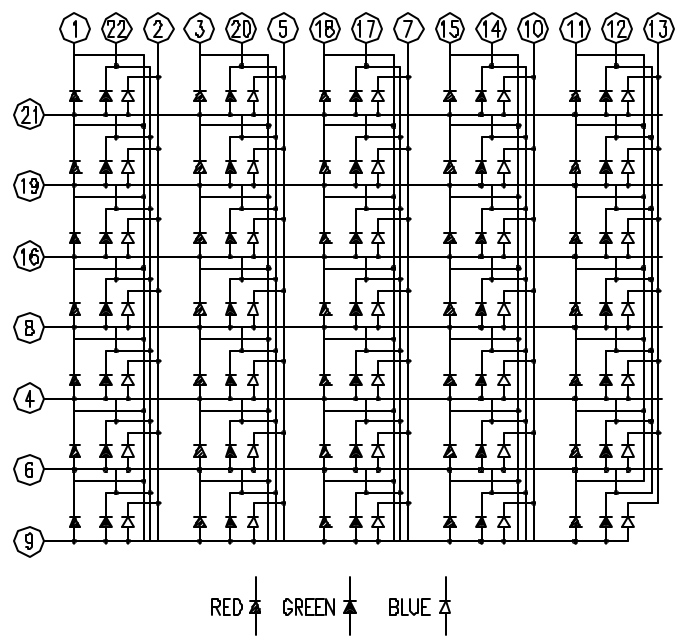
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DATE: 8.11.03

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PAGE: 1 OF 2

SCALE: N/A



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