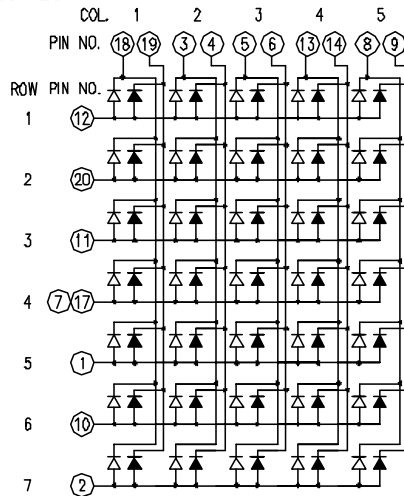
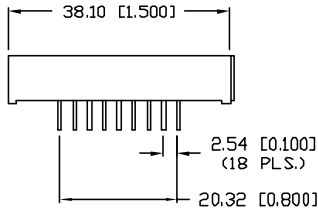
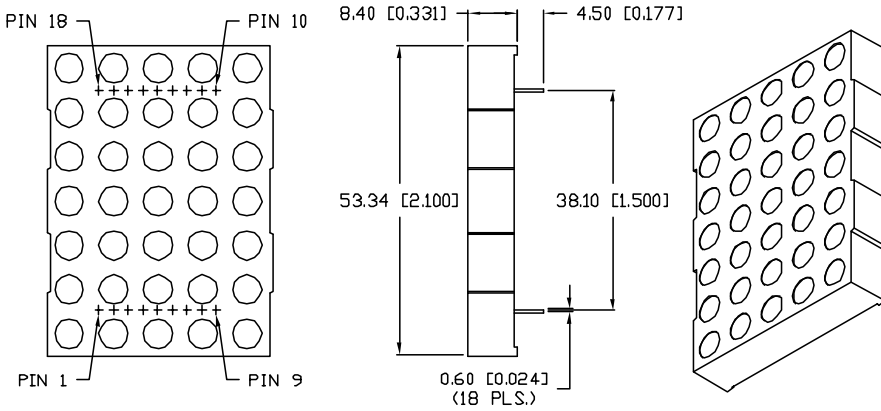


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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), NN=  $\frac{+DECIMAL PRECISION}{-0.00}$  MAX.=  $\frac{+0.00}{-DECIMAL PRECISION}$

PART NUMBER  
LDM-214257NI

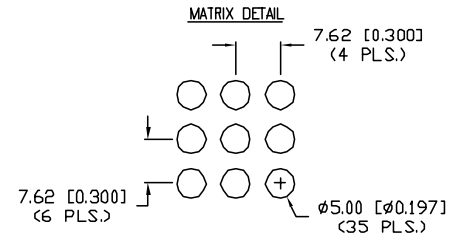
REV.  
A

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

LIMITS OF SAFE OPERATION AT 25°C PER DOT			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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



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REV. PART NUMBER  
A LDM-214257NI

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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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 6.10.97 PAGE: 1 OF 1 SCALE: N/A
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2.01" 5 x 7 BICOLOR DOT MATRIX LED DISPLAY,  
RED/GREEN BICOLOR CHIPS, GRAY FACE WITH WHITE DOTS,  
COLUMN CATHODE, 18 PINS.