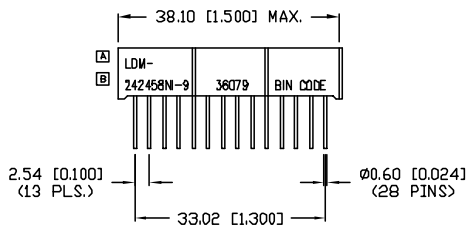
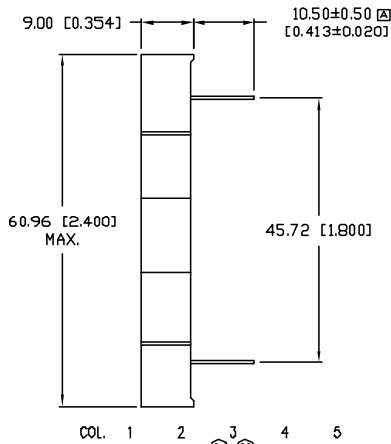
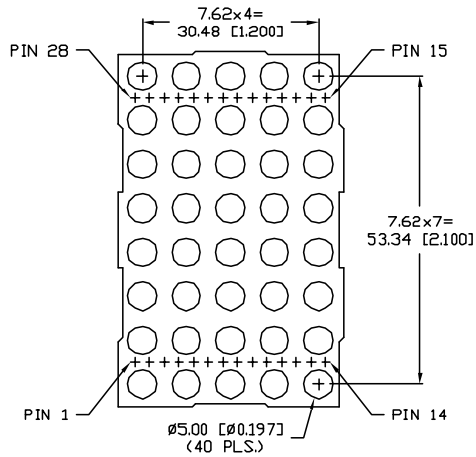


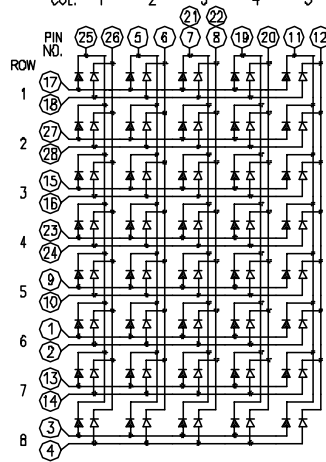
UNCONTROLLED DOCUMENT



NOTES:

1. PARTS TO BE SUPPLIED WITH LUMEX PART NUMBER AND BIN CODE.
2. PARTS TO BE SUPPLIED WITH CUSTOMER PART NUMBER 36079.
3. PARTS TO SUPPLIED IN TUBES WITH TUBES CONTAINING THE SAME BRIGHTNESS BIN CODES.

\*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



← RED CHIPS  
← GREEN CHIPS

COLUMN CATHODE

PART NUMBER		REV.
LDM-242458NI-9		C
A	E.C.N. #10573.	12.14.99
B	E.C.N. #10BRDR & 10903.	9.05.02
C	E.C.N. #10963.	3.7.03

ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C I <sub>f</sub> =10mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		635 (RED)		nm
	567 (G)		576 (G)	nm
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V <sub>f</sub>
REVERSE VOLTAGE	5.0			V <sub>r</sub> I <sub>r</sub> =100µA
AXIAL INTENSITY (R)	10,400		22,800	µcd I <sub>f</sub> =10mA
EMITTED COLOR:	RED/GREEN			
FACE COLOR:	GRAY			
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

RED BIN CODE	P	R	S
RANGE (µcd)	10,400~ 13,499	13,500~ 17,499	17,500~ 22,799

GREEN BIN CODE	31	33	35	37	39
RANGE (nm)	567~ 568	569~ 570	571~ 572	573~ 574	575~ 576

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-20 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
C	LDM-242458NI-9
2.4" TALL, 5 x 8 DOT MATRIX DISPLAY, COLUMN CATHODE, 635nm RED AND 565nm GREEN CHIPS, GRAY FACE, MILKY WHITE SEGMENTS.	

**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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			PAGE: 1 OF 1
			SCALE: N/A