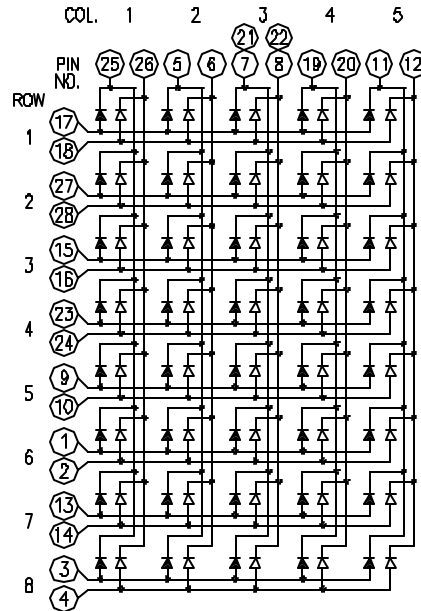
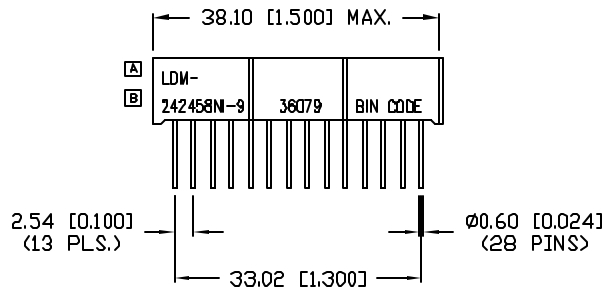
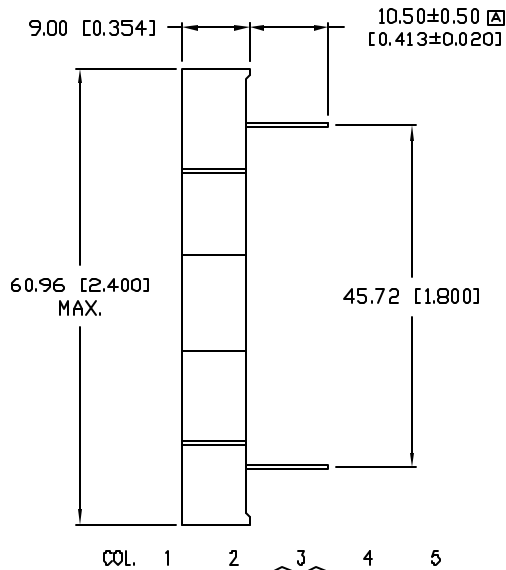
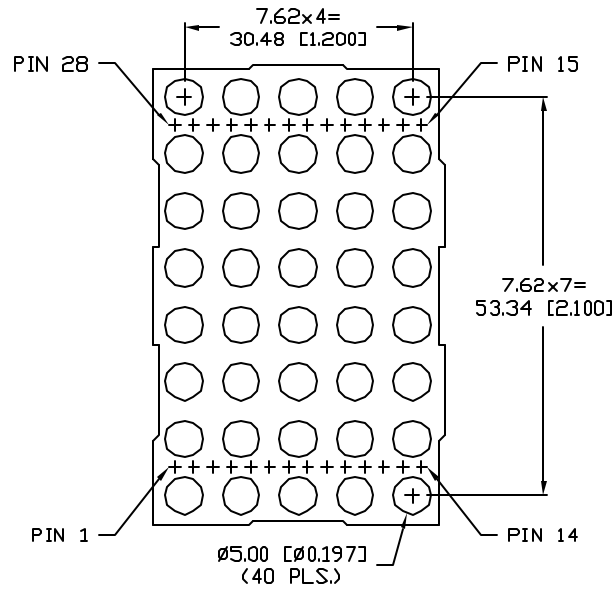


UNCONTROLLED DOCUMENT



- NOTES:
- PARTS TO BE SUPPLIED WITH LUMEX PART NUMBER AND BIN CODE.
 - PARTS TO BE SUPPLIED WITH CUSTOMER PART NUMBER 36079.
 - PARTS TO SUPPLIED IN TUBES WITH TUBES CONTAINING THE SAME BRIGHTNESS BIN CODES.

*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), MIN.=^{+0.00}/_{-0.00} MAX.=^{+0.00}/_{-0.00}

PART NUMBER
LDM-242458NI-9

REV.
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 $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	567 (G)	635 (RED)	576 (G)	nm	
FORWARD VOLTAGE (R/G)	2.0/2.2	2.5/2.6		V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100µA
AXIAL INTENSITY (R)	10,400		22,800	µcd	I _f =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

← RED CHIPS
← GREEN CHIPS
COLUMN CATHODE

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REV.
C

PART NUMBER
LDM-242458NI-9

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2.4" TALL, 5 x 8 DOT MATRIX DISPLAY, COLUMN CATHODE,
635nm RED AND 565nm GREEN CHIPS,
GRAY FACE, MILKY WHITE SEGMENTS.

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: GB	CHECKED BY:	APPROVED BY:	DATE: 9.05.02
			PAGE: 1 OF 1
			SCALE: N/A

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