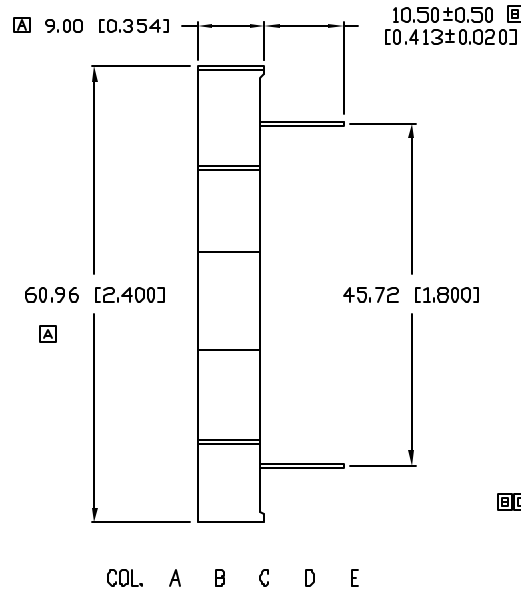
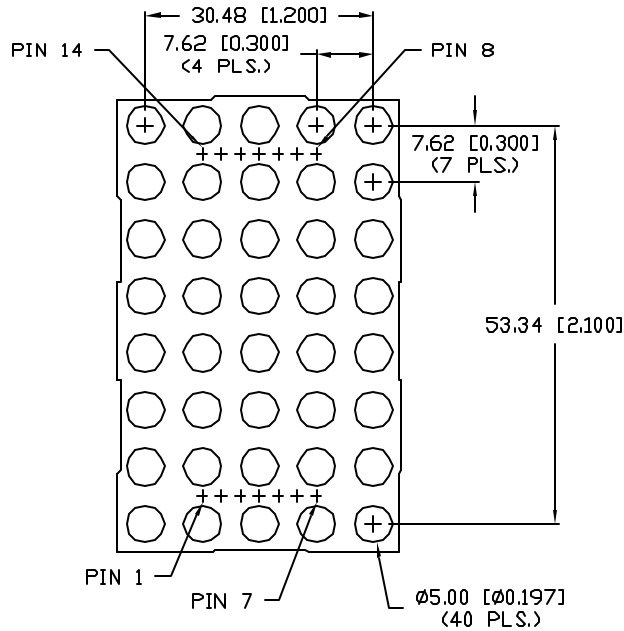


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PART NUMBER
LDM-24658NO-9

REV.
D



A	E.C.N. #10506.	4-9-99
B	E.C.N. #10573.	12-14-99
C	E.C.N. #10BRDR & 10903.	9.05.02
D	E.C.N. #11249.	5.24.05

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.8	2.3	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY*	17,500		59,000	μcd	$I_f=10\text{mA}$
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	RED				
FACE COLOR:	RED				
SEGMENT COLOR:	RED DIFFUSED				

BIN CODE

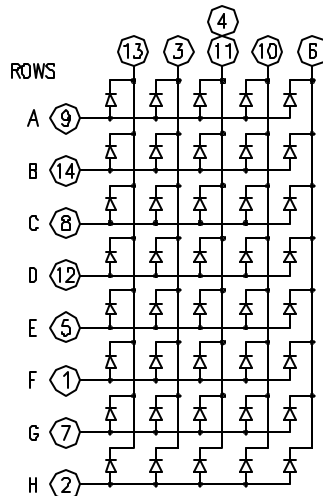
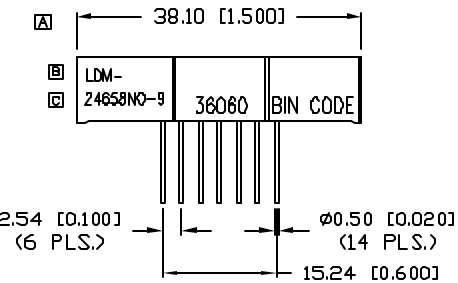
BIN CODE	S	T	U
RANGE (μcd)	17,500~	26,000~	39,000~
	26,000	39,000	59,000

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-20 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

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NOTES:

1. PARTS TO BE SUPPLIED WITH LUMEX PART NUMBER AND BIN CODE.
2. PARTS TO BE SUPPLIED WITH CUSTOMER PART NUMBER 38060.
3. PARTS TO SUPPLIED IN TUBES WITH TUBES CONTAINING THE SAME BRIGHTNESS BIN CODES.

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

REV. D	PART NUMBER LDM-24658NO-9
2.4" TALL, 5 x 8 DOT MATRIX DISPLAY, COLUMN CATHODE 660nm RED SUPER RED LEDS, BIN CODED, RED FACE, RED SEGMENTS.	

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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.

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

DRAWN BY: SS/BC
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