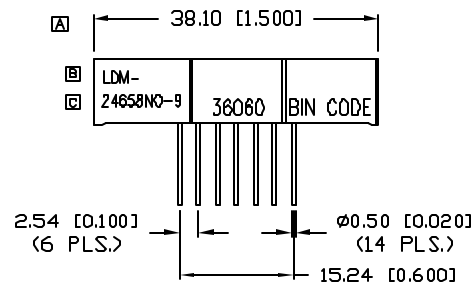
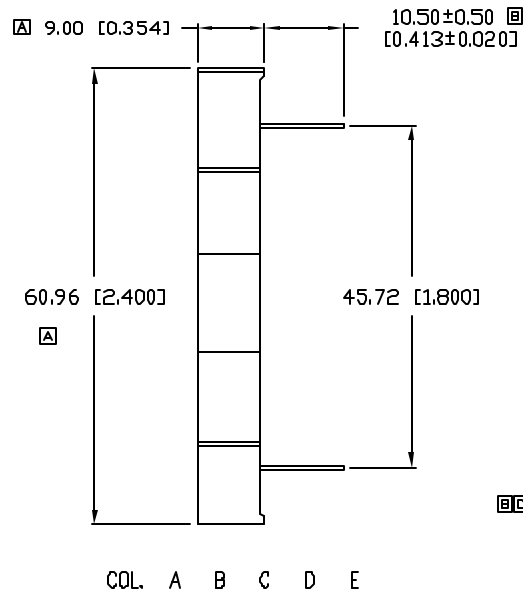
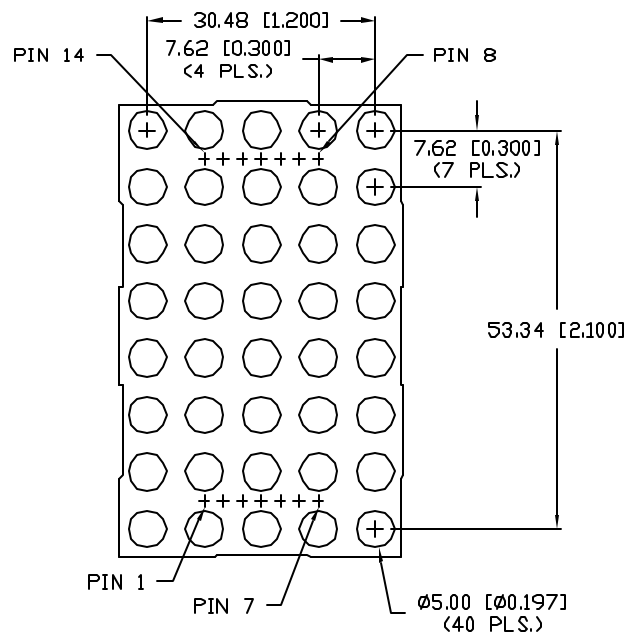


UNCONTROLLED DOCUMENT



NOTES:

1. PARTS TO BE SUPPLIED WITH LUMEX PART NUMBER AND BIN CODE.
2. PARTS TO BE SUPPLIED WITH CUSTOMER PART NUMBER 36060.
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), 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

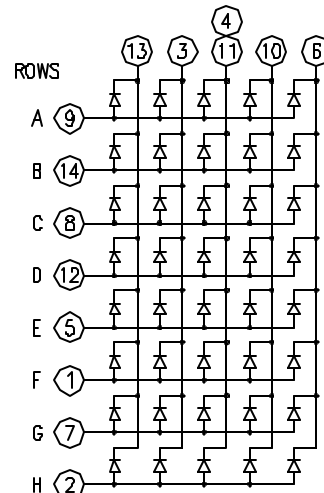
PART NUMBER
LDM-24658NO-9REV.
D

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 _r =100μA
AXIAL INTENSITY*	17,500		59,000	μcd	I _f =10mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	RED				
FACE COLOR:	RED				
SEGMENT COLOR:	RED DIFFUSED				

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

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.

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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