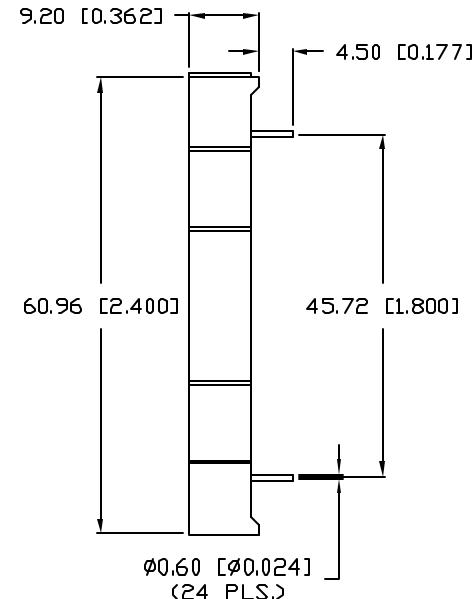
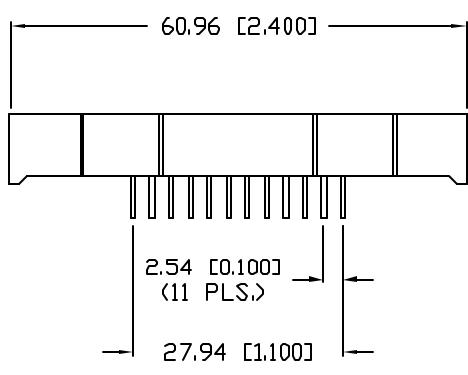
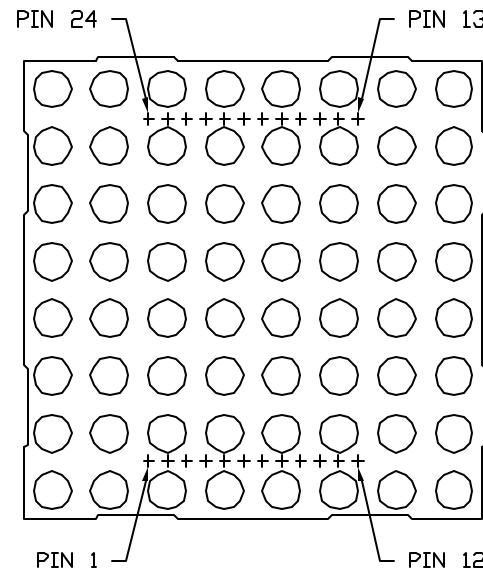


# UNCONTROLLED DOCUMENT



PART NUMBER  
LDM-244288MI

REV.  
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR.	7.21.99
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	7.5.03

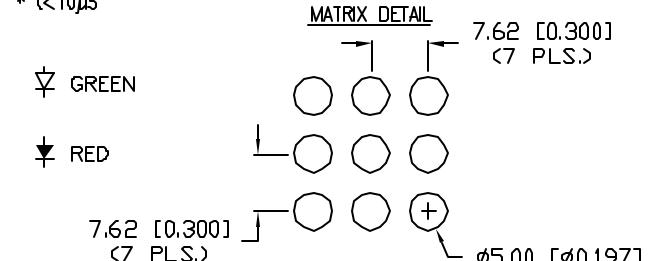
## ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA

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	Vf	
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY (R/G)	2000/2500			μcd	If=100μA
EMITTED COLOR:	RED/GREEN				If=10mA
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

## 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.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3 SEC. MAX	

\* t<10μs



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\*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 (±0.012), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00  
MIN= -0.00 MAX= -DECIMAL PRECISION

REV.	PART NUMBER
B	LDM-244288MI

2.4" 8 x 8 DOT MATRIX LED DISPLAY,  
RED/GREEN CHIPS, GRAY FACE WITH WHITE DOTS.

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.



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

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