

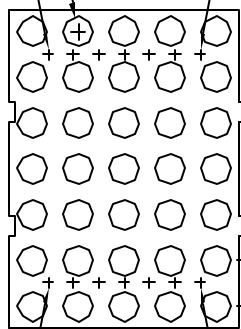
UNCONTROLLED DOCUMENT

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

Ø3.00 [Ø0.118]
(35 PLS.)

PIN 14

PIN 8

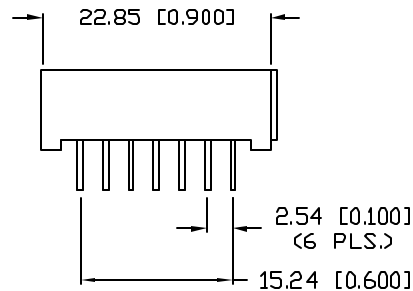
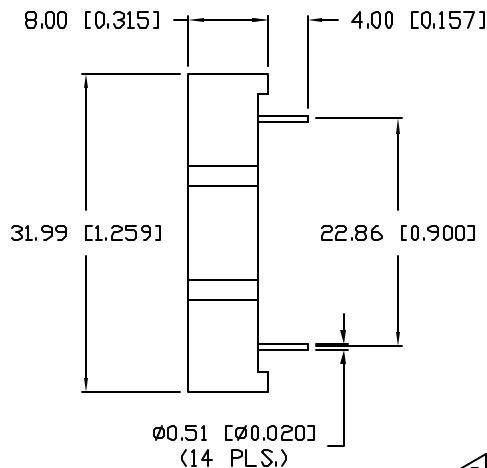


4.57 [0.180]
(6 PLS.)

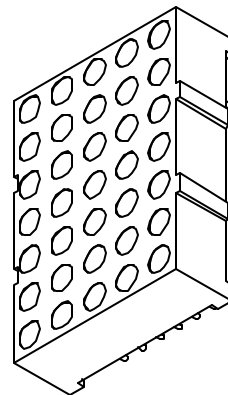
PIN 1

PIN 7

4.57 [0.180]
(4 PLS.)



COL.	1	2	3	4	5
PIN	13	3	4	10	6
ROW	1	9	11	10	6
2	14	1	2	10	6
3	8	1	2	10	6
4	12	5	1	2	10
5	1	1	2	10	6
6	7	1	2	10	6
7	2	1	2	10	6



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		7000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DOT		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-25 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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*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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

A

PART NUMBER

LDM-12257MI-UPG

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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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JC

CHECKED BY:

APPROVED BY:

DATE: 8.7.03

PAGE: 1 OF 1

SCALE: N/A

1.2" DOT MATRIX, LED DISPLAY, COLUMN ANODE,
525nm GREEN CHIPS, GRAY FACE WITH WHITE DOTS,