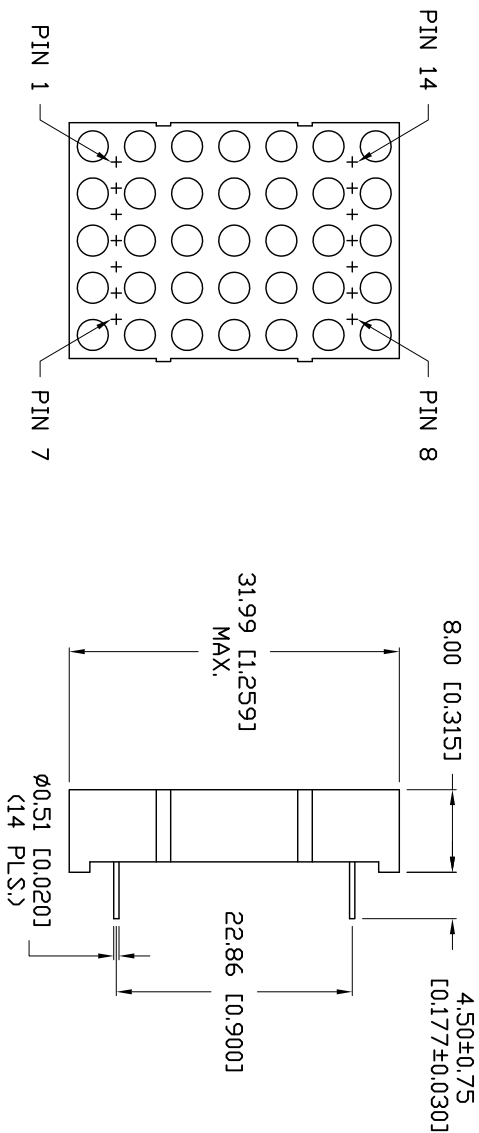


PART NUMBER	LDM-12457NI	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
06.17.98	E.C.N. #10387 & REDRAWN.	A	
07.15.99	E.C.N. #10BRDR.	B	
12.19.12	E.C.N. #10BRDR. & REDRAWN.	C	

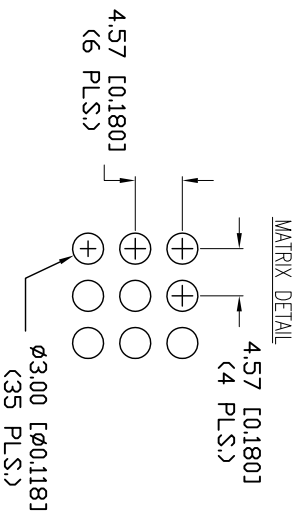
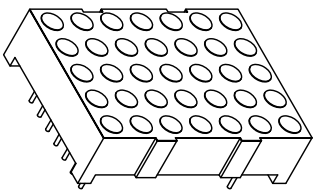
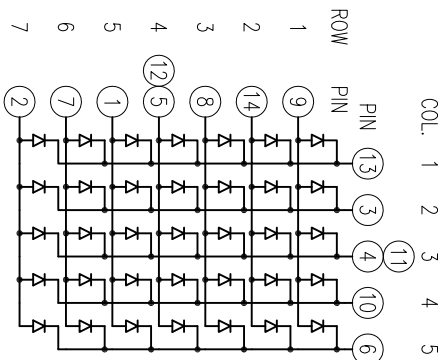
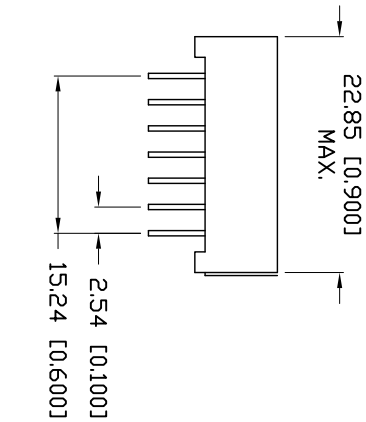


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	If=100µA
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY		3900		µcd	If=10mA
EMITTED COLOR:		RED			
FACE COLOR:		GRAY			
SEGMENT COLOR:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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
* I<10µs		



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±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.= ±0.001 DECIMAL PRECISION MAX.= ±0.010 DECIMAL PRECISION



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1.2" 5 x 7 DOT MATRIX DISPLAY, 635nm RED CHIPS, GRAY FACE WITH WHITE DOTS, COLUMN CATHODE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	12.19.12	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		

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