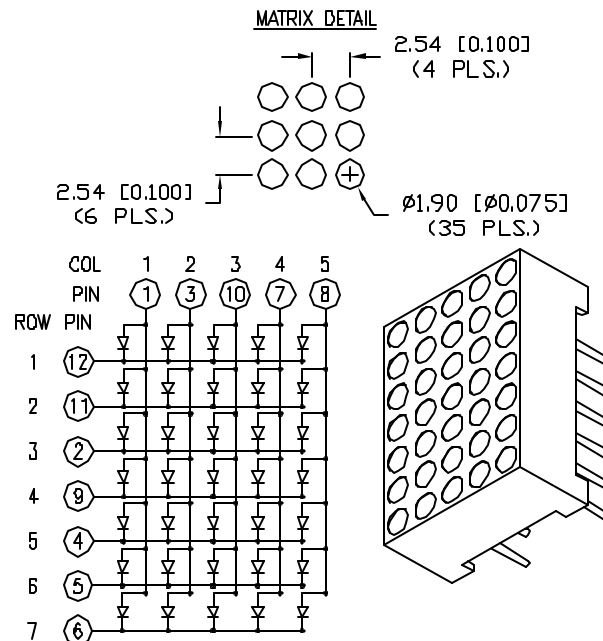
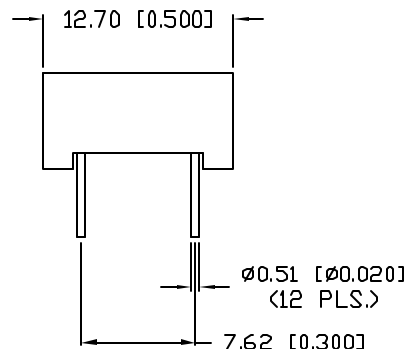
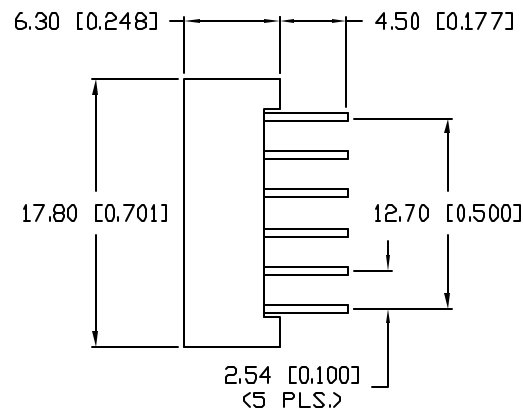
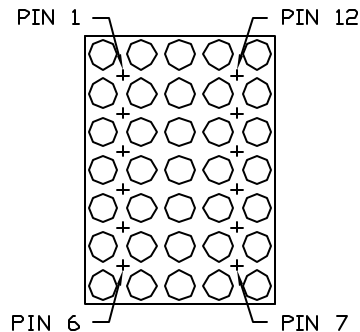


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
LDM-07057MD		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	03.21.07

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-		nm	
FORWARD VOLTAGE	V_f		3.5	4.0	V	$I_f=20\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_f=10\mu\text{A}$
AXIAL INTENSITY(*1)	I_v		25		mcd	$I_f=20\text{mA}$
CHROMATICITY	X		0.29			
COORDINATES(*2)	Y		0.30			$I_f=20\text{mA}$
VIEWING ANGLE			20		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	WHITE					

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_p	65	mA
STEADY CURRENT	I_F	16	mA
POWER DISSIPATION	P_D	105	mW
OPERATING TEMP.	T_{OPR}	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	T_{STG}	-30 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX	

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

*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-07057MD

0.70" 5 x 7 DOT MATRIX, LED DISPLAY,
WHITE DOTS, BLACK FACE WITH WHITE SEGMENTS,
COLUMN ANODE, 12 PINS.

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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			7.5.06
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			SCALE: N/A

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