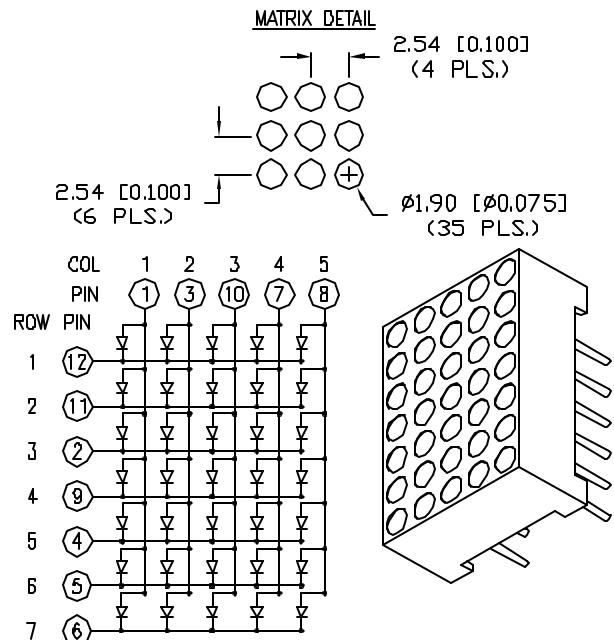
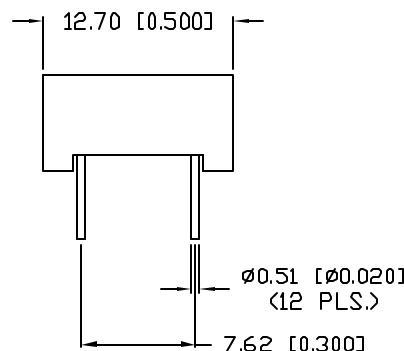
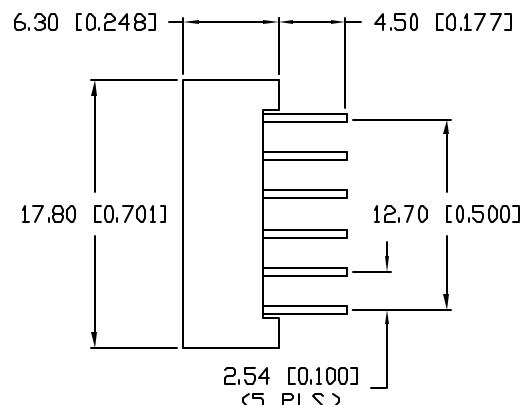
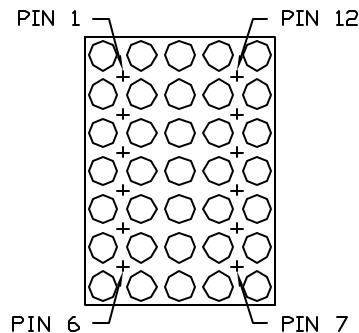


UNCONTROLLED DOCUMENT



*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 (± 0.002), LEAD LENGTH=±0.75 (± 0.30). MIN= ± 0.00 DECIMAL PRECISION MAX= ± 0.00 DECIMAL PRECISION

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
C	LDM-07557MI	<p>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p>		DRAWN BY: JC
	0.70" 5 x 7 DOT MATRIX, LED DISPLAY. 700nm RED DOTS, GRAY FACE WITH WHITE SEGMENTS, COLUMN ANODE, 12 PINS.	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.	CHECKED BY:	APPROVED BY: DATE: 1.12.93 PAGE: 1 OF 1 SCALE: N/A

PART NUMBER
LDM-07557MIREV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR.	7.12.99
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	6.28.03
C	E.C.N. #11148.	03.21.07

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	700			nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100µA
AXIAL INTENSITY		500		µcd	If=10mA
EMITTED COLOR:	RED				
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	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µs



UNCONTROLLED DOCUMENT

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lumex](#):

[LDM-07557MI](#)