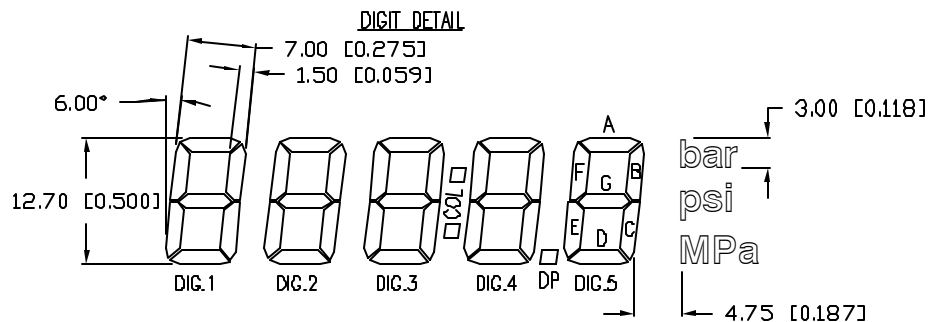
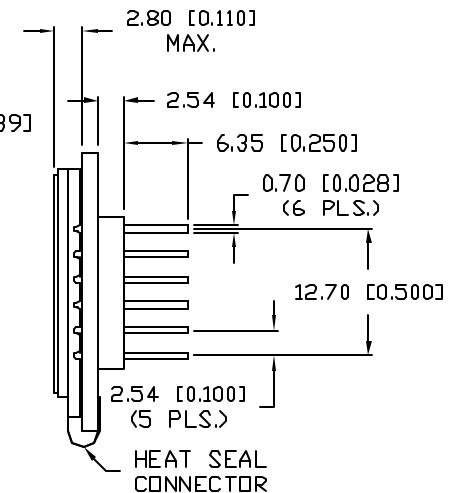
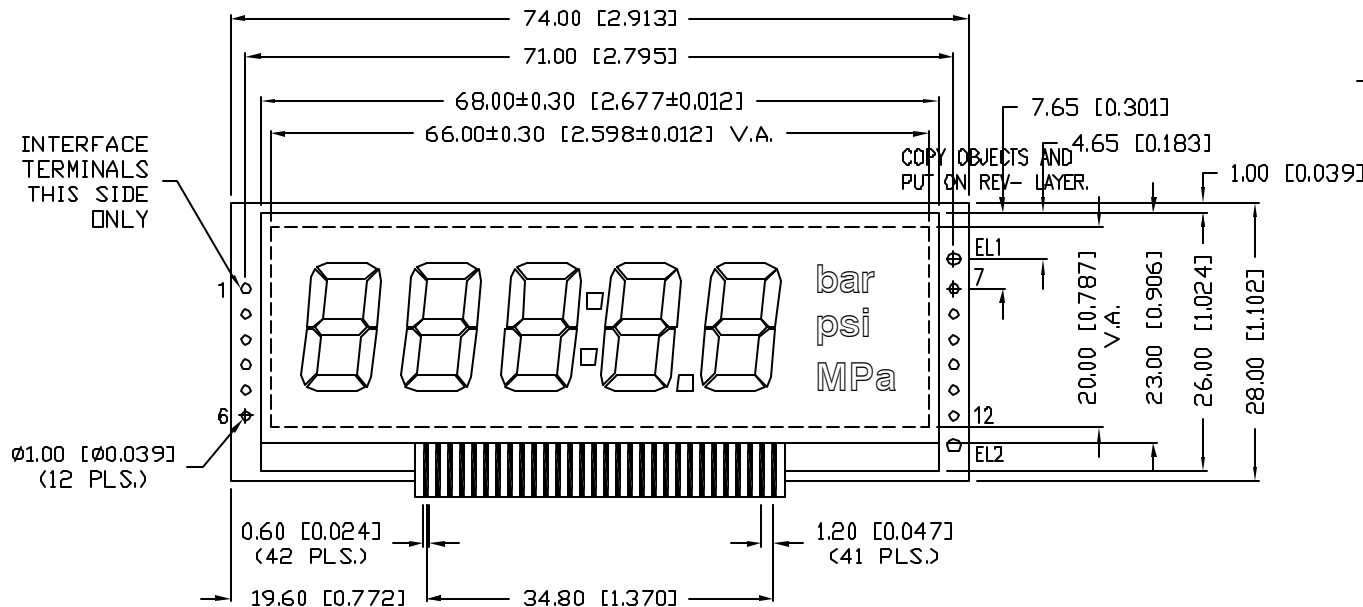


UNCONTROLLED DOCUMENT

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

PART NUMBER		REV.
LCM-H501M40TF-1U		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	4.20.07



CHARACTERISTICS	
FLUID TYPE	TN
BACKGROUND COLOR	GRAY
VIEWING DIRECTION	12:00
DISPLAY MODE	TRANSFLECTIVE/POSITIVE
OPERATING VOLTAGE	5.0V
OPERATING TEMP.	0°C TO 60°C
STORAGE TEMP.	-30°C TO 80°C
DRIVER	KS0035
CONNECTION TYPE	8 PINS

*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.	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	
A	LCM-H501M40TF-1U	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.		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.		DRAWN BY: JC	
FIVE DIGIT SEVEN SEGMENT CUSTOM LCD MODULE, BLUE EL BACKLIGHT, TOP VIEW, TN, TRANSFLECTIVE, 1/2 DUTY.				CHECKED BY:		APPROVED BY:	
						DATE: 1.11.01 PAGE: 1 OF 2 SCALE: N/A	

UNCONTROLLED DOCUMENT

BIT MAP

TO BE DECLARED LATER

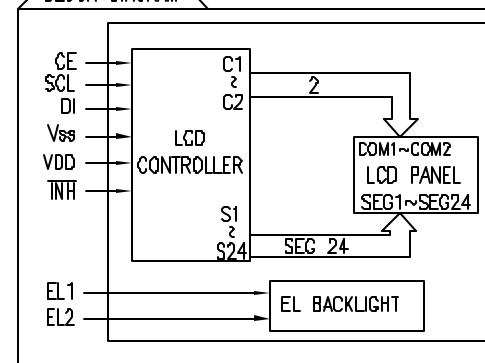
COPY OBJECTS AND
PUT ON REV- LAYER.PART NUMBER
LCM-H501M40TF-1UREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	SEE PAGE #1	

PIN CONFIGURATION

PIN NO.	SYMBOL	FUNCTION
1	Vss	POWER SUPPLY
2	VDD	
3	TNIF	DISPLAY OFF (LOW)
4	CE	CHIP ENABLE (HIGH)
5	SCL	SERIAL DATA CLOCK
6	DI	DISPLAY DATA INPUT
7	EL1	EL BACKLIGHT
8~11	N/C	NO CONNECTION
12	EL2	EL BACKLIGHT

BLOCK DIAGRAM



ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	TEST CONDITION	STANDARD VALUE		UNIT
			MIN	MAX	
SUPPLY VOLTAGE FOR LOGIC	V _{DD}	T _a =25°C	-0.3	7.0	V
SUPPLY VOLTAGE FOR LCD DRIVE	V _{LCD}	T _a =25°C	-0.3	V _{DD} +0.3	V
INPUT VOLTAGE	V _I	T _a =25°C	-0.3	V _{DD} +0.3	V
OPERATING TEMPERATURE	T _{opr}	-	0	60	°C
STORAGE TEMPERATURE	T _{stg}	-	-30	80	°C

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REV.

A

PART NUMBER

LCM-H501M40TF-1U

FIVE DIGIT SEVEN SEGMENT CUSTOM LCD MODULE,
BLUE EL BACKLIGHT, TOP VIEW,
TN, TRANSFLECTIVE, 1/2 DUTY.

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JC

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DATE: 1.11.01

PAGE: 2 OF 2

SCALE: N/A