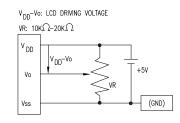
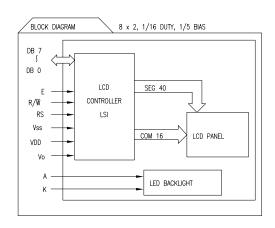


UNCONTROLLED DOCUMENT	PART NUMBER	LCM-H00802DSF	REV.	

PIN C	ONFIGURATION				
PIN NO.	SYMBOL	LEVEL	FUNCTION		
1	Vss	-		GND (OV)	
2	V _{DD}	-	POWER SUPPLY	5V	
3	Vo	-		FOR LCD DRIVE	
4	RS	H/L	REGISTER SELECT SIGNAL H: DATA INPUT L: INSTRUCTION INPUT		
5	R/W	H/L	H: DATA READ (MODULE>MPU) L: DATA WRITE (MODULE <mpu)< td=""></mpu)<>		
6	E	H,H->L	ENABLE DATA BUS-SOFTWARE SELECTABLE 4 OR 8 BIT MODE.		
7~14	DB0~DB7	H/L			





ITCH (SYMBOL	CONDITION	STANDARD VALUE			
ITEM		MIN.			TYP.	MAX.	UNIT	
SUPPLY VOLTA	GE FOR LOGIC		V _{DD} -Vss	-	-	5.0	-	٧
SUPPLY CURRENT FOR LOGIC			I DD	V _{DD} =5V	-	2.0	3.0	mA
INPUT VOLTAGE OUTPUT VOLTA		HIGH	v _{IH}	-	2.2	-	V _{DD}	٧
		LOW	V _{IL}	-	0	-	0.6	٧
		HIGH	V _{OH}	-	2.4	-	-	٧
	GE	LOW	V _{OL}	-	-	-	0.4	٧
	VOLTAGE		Vf	lf=70mA	-	4.5	5.0	٧
*LED BACKLIGHT	CURRENT		lf	-	-	70	110	mA
	POWER CUNSUM	IPTION	PD	_	-	315	-	mW
	LUMINOUS		L	lf=70mA	70	-	-	cd/m ²
	COLOR		-	=	-	-	-	nm

*ONLY APPLIES TO MODULES WITH BACKLIGHT

		TEST	STANDAR	STANDARD VALUE		
ITEM	SYMBOL	CONDITION	MIN	MAX	UNIT	
SUPPLY VOLTAGE FOR LOGIC	V _{DD} -Vss	Ta=25*C	4.7	5.3	٧	
SUPPLY VOLTAGE FOR LCD DRIVE	V _{DD} -Vo	-	4.2@50°C	4.8@0°C	٧	
INPUT VOLTAGE	v ₁	Ta=25*C	Vss	V _{DD}	۷	
OPERATING TEMPERATURE	Topr	LCM-H	-20	70	·c	
STORAGE TEMPERATURE	Tstg	LCM-H	-30	80	·c	

*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= $\frac{+DECIMAL}{-DECIMAL}$ PRECISION MAX.= $\frac{+0.00}{-DECIMAL}$ PRECI

LUNIEX Creating LED and LCD Solutions Together	29 PA PH FA: WE
Creating LED and LCD Solutions Together'	WE

WEB: WWW.LUMEX.COM	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 THRD PARTIES.	UNIT:	mm [INCH]	Þ	
FAX: +1.847.359.6538	CONFIDENTIAL INFORMATION	SCALE:	N/A	APRVD BY:	KF
PALATINE, IL 60067-6976 PHONE: +1.847.359.2790	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE:	2 OF 2	CHKD BY:	BC
290 E. HELEN ROAD	5.56mm CHARACTER HEIGHT, 5x8 DOT MATRIX, 8x2, LCD MODULE, STN BLUE, YELLOW-GREEN LED BACKLIGHT.	DATE:	06.01.10	DRAWN BY:	JH

Mouser Electronics

Authorized Distributor

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

Lumex: LCM-H00802DSF