

													PART N	JMBER		REV.
UN	ICON	ITROI	I FD	DOC	UMENT	LCM—X01602DXX/E										
												REV. E.C.N. NUMBER AND REVISION COMMENTS				DATE
			~													
	/ PIN CO	ONFIGURATION	۷ 🔪 🗸													
	PIN NO. S	N NO. SYMBOL LEVEL FUNCTION							]		6		<b>—</b>			
	1				GND (OV)						/BLOCK DIAGRAM 16 x 2, 1/16 DUTY. 1/5 BIAS   DB 7					
		<u>2 V<sub>DD</sub> -</u> POV 3 Vo -			WER SUPPLY 5V FOR LCD DRIVE					V <sub>DD</sub> -Vo; LCD DRIVING VOLTAGE VR: 10KΩ-Z0KΩ						
											DE	3°T1		COM 16 LCD PANEL		
	4	RS ⊢	I/L  H: D4	DATA INPUT												
				STRUCTION				-		R		itroller – Lsi –				
	5	R∕₩ ⊢			MODULE>MPU)						ן ו	/ss	۵۱ ا	[문]		
	6	S IV III L: DATA WRITE (MODULE <mpu)< th="">   6 E H,H-&gt;L ENABLE   ~14 DB0~DB7 H/L DATA BUS-SOFTWARE SELECTABLE 4 OR 8 BIT M</mpu)<>									ע   V		RIVER	DRIVER X 1		
	•							MODE.	-			Va <del></del>		$\overline{\uparrow}$		
													Ľ	XINTROL SIGNAL 4		
												۸	_			
												к		LED BACKLIGHT		
	/ ELECTRI	CAL CHARAC	TERISTICS \	V <sub>DD</sub> =4.7V to 5.3V, T <sub>A</sub> =25°C												
	ПЕМ				CONDITION		DARD \	VALUE MAX.	UNIT						-	
							MIN. TYP.		V							
		/OLTAGE FOR LOGIC		V <sub>DD</sub> -Vss I <sub>DD</sub>	- V <sub>DD</sub> =5V	-	5.0 2.0	- 3.0	v mA		SOLUTE MAXIMUN	n ratings				
	301121 0		HIGH	VIH	- 40	2.2		VDD	V					TEST STANDARD VA		
	INPUT VOL	TAGE	LOW	VIL	-	0	-	0.6	V				SYMBOL	CONDITION MIN M		1
	OUTPUT V		HIGH	Voн	-	2.4	-	-	V		ly voltage for		Vpp-Vss		.3 V	
		-	LOW	VOL	-	-	-	0.4	V		LY VOLTAGE FOR	LCD DRIVE	VDD-Vo	- 4.2050°C 4.80		
		VOLTAGE CURRENT		Vf If	lf=160mA _	-	4.2 160	4.6 -	V mA	1	Voltage		۷I		00 V 00 °C	
	*LED BACKLIGHT	POWER CLINSUMPTION		PD	-	- 1	656	-	mW OPER		RATING TEMPERATURE		Topr	LCM-H -20 7		
		LUMINOUS		L	lf=150mA	70	-	-	cd/m²		WAGE TEMPERATURE		Tstg		'0 °C	
		COLOR		-	-	-	-	-	١m				ារហ្វ	LCM-H -30 8	15 °C	
	*ONLY APP	'LIES TO MOD	XULES WITH	BACKLIGHT												
											L	INCOI	NTRC	NLED DOC	UME	ENT
														IED TOLERANCE IS ±0.25r		
REV.	V. PART NUMBER									<u>Confidential information</u> Taned in this document is the property of				290 E. HELLEN R	OAD	~
								lu <i>n</i> ex ing	C. EXCEPT A	s specifically authorized in writing by lunex	Lumex			PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790		
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	5.56mm CHARACTER HEIGHT, 5 x 8 DOT MATRIX,								riguni Uzsluku	SURE AND DISSENTIMATION TO ALL THIRD PARTIES. RELIABILITY NOTE	DRAWN B	Y: CHEC	KED BY;	APPROVED BY; DAT	E: 3-	24-99
				-	TY, 1/5 BIAS	-				of experience data accumulation indicate T is a major gause of early and future				PA	3E: 2	OF 2
	10 X	Z LUU M	IUUULE, I	1/10/00	באום כיקו ,ויו	-				AY ATTENTION TO YOUR SOLDERING PROCESS.	SA/DU			SC/	ALE: N	N/A

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