

UNCONTR

00/////	OIIF	D DO	PART NUMBER	REV.					
	0							LCM-X02004DXX	A
								REV. E.C.N. NUMBER AND REVISION COMMENTS	DATE
								A E.C.N. #10BRDR. & REDRAWN.	9-1-98
									3 1 30
PIN CONFIGUR 1 Vss 2 VDD 3 Vo 4 RS 5 R/W 6 E 7~14 DB0~DB7 15 A 16 K	ATION LEVEL - - H/L H/L H,H->L H/L - -	L: DATA WRITE ENABLE	FOR LCD DI CT SIGNAL	4 OR GHT	8 BIT			IG VOLTAGE BLOCK DIAGRAM 20 x 4, 1/16 DUTY, 1/5 BIAS DB 7 DB 7 DB 0 R/W CONTROLLER LCD CONTROLLER LSI COM 32 LCD PANEL COM 32 LCD PANEL COM 32 COM 32	
ELECTRICAL CHA	ARACTERIST	ics v _{DD} =	=4.7V to 5.3V, T _A =	-25°C				K	
ITEM SYMBOL CONDITION STANDARD VALUE			ALUE MAX.	UNIT					
SUPPLY VOLTAGE		00	-	-	5.0	-	٧	ABSOLUTE MAXIMUM RATINGS	
SUPPLY CURRENT			V _{DD} =5V	-	2.0	3.0	mA		
INPUT VOLTAGE	HIGH LOW	VIH VIL		2.2 0	-	V _{DD} 0.6	V	ITEM SYMBOL TEST STANDARD VALUE CONDITION MIN MAX	
	HIGH	VOH	I _{OH} =-0.205mA	2.4	-	-	٧	SUPPLY VOLTAGE FOR LOGIC VDD-Vss Ta=25°C 4.7 5.3	V
OUTPUT VOLTAGE	LOW	V _{OL}	I _{OL} =1.6ma	-	-	0.4	٧	SUPPLY VOLTAGE FOR LCD DRIVE VDD-Vo - 4.2050°C 4.800°C	C V
VOLTA		Vf	lf=300mA	-	4.2	4.5	٧	INPUT VOLTAGE VI Ta=25°C Vss V _{DD}	V
		lf	-	-	300			OPERATING TEMPERATURE TOPY LCM-S 0 50	•C
	R CUNSUM	PTION PD	TION PD -	-	1260	-	mW	ICM-H -20 70	•C
			L If=300mA	70		-	cd/m²	STORAGE TEMPERATURE Tstg LCM-S -20 70	•C
	IOUS	L	11=300mA	,,,				STORAGE TEMPERATURE ISTG LCM-H -30 85	

REV.	PART NUMBER	<u>CONFIDENTIAL INFORMATION</u> THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF			290 E. HELLEN ROAD A PALATINE, ILLINOIS 60067 PHONE: 1–847–359–2790 WEB: HTTP://WWW.LUMEX.COM		
А		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					
4.75r	nm CHARACTER HEIGHT. 5 x 8 DOT MATRIX. 20 x 4 LCD	IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELIABILITY NOTE	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 6-16-9	8
	MODULE, 1/16 DUTY, 1/5 BIAS.	OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE				PAGE: 2 OF 2	
	MODULE, 1/16 DUTT, 1/5 BIAS.	FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	SA/DU/BC			SCALE: N/A	

Mouser Electronics

Authorized Distributor

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

Lumex: LCM-S02004DSF