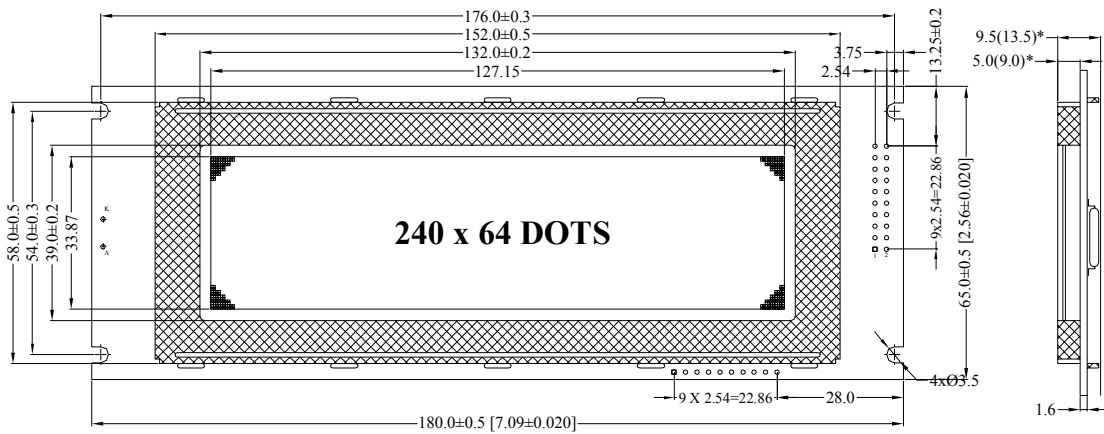
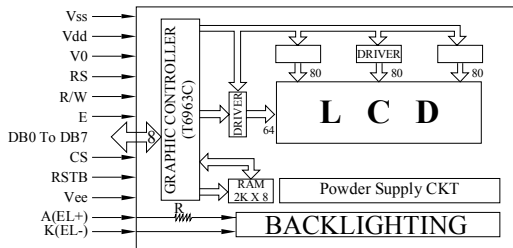


LG240643 [240 x 64, 1/64 MUX]

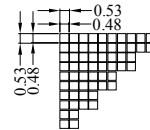
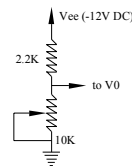
DIMENSION IN MM



BLOCK DIAGRAM



CKT FOR VLCD (VO)



[*] DIMENSIONS FOR LED BACKLIGHT VERSION

RAM SIZE: 8K, 32K OPTIONAL

TABULATED DATA

MODEL	DISPLAY FORMAT DOT. x DOT	DRIVING DUTY	DOT PITCH W x H	DOT SIZE W x H	VIEWING AREA W x H	MODULE SIZE W x H
LG240643	240 x 64	1/64	0.53 x 0.53	0.48 x 0.48	132.0 x 39.0	180.0 x 65.0

ELECTRICAL DATA (Ta = 25°C, Vdd = +5V ± 0.25V)

ITEM	SYMBOL	TEST CONDITION	STANDARD VALUES			UNITS
			MIN.	TYP.	MAX.	
Input High Voltage	V _{iH}	-	2.4	-	V _{dd}	V
Input Low Voltage	V _{iL}	-	V _{ss}	-	0.7	V
Output High Voltage	V _{oH}	- I _{oH} = 0.6mA	V _{dd} -0.4	-	V _{dd}	V
Output Low Voltage	V _{oL}	- I _{oL} = 1.6mA	-	-	0.4	V
Supply Current	I _{dd}	V _{dd} = 5.0V	-	14.0	20.0	mA
Operating Voltage for LCD	V _{dd} -V _o	T _a = 0°C	- 5.2	- 6.2	- 12.0	V
		T _a = 25°C	- 4.8	- 5.8	- 11.2	V
LED Backlight Current	I _{LED}	V _{dd} = 5.0V	150	180	220	mA

PIN DETAILS

PIN No.	DESCRIPTION	PIN No.	DESCRIPTION	PIN No.	DESCRIPTION
1 & 2	FG & GND	6	\overline{RD}	10	\overline{RST}
3	V _{cc}	7	\overline{CE}	11-18	DB0-DB7
4	V _o (V _{ee})	8	C/ \overline{D}	19	FS
5	\overline{WR}	9	NC	20	BL (A/E+)

Max. Ratings

Item	MAX.
Top	-10 to +65°C
T _{st}	-20 to +70°C
V _{dd}	+5 Volts
RH%	90 %